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Canada
1900

SEED LABORATORY

LIBRARY,
U.S. Department of Agriculture,
Washington, D.C.

DARCH & HUNTER

SUCCESSORS
TO

JOHN S. PEARCE & CO.

SEEDS

119 DUNDAS ST. LONDON,
CANADA.

1900

THIS COLLECTION 50c., POST-PAID. (SEE INSIDE OF COVER.)

Our "Color Plate" Collection

(See front of Cover.)

THIS beautiful collection, contains 7 plants that have been tried and proved to be all that we claim for them. We have propagated a large quantity of these varieties, all comparatively new, and each one a gem in itself. To introduce these to our thousands of flower-loving customers, we have placed the price at **50c. FOR 1 COLLECTION, OR 3 COLLECTIONS FOR \$1.35, POST-PAID.**

The number attached to each variety refers to the colored plate, which gives you an idea of the matchless beauty of the collection.

Crimson Rambler. After four seasons' trial, this variety has made a record

4 which places it at the head of the list of Hardy Climbing Roses. It is a vigorous grower, making shoots 8 to 10 feet in height in a single season, and when in bloom commands admiration by the gorgeous display of its brilliant crimson clusters of blossoms, each cluster a bouquet in itself. Mr. John Parry bought a plant four years ago. In '97 it produced over 3,700 flowers, which was considered wonderful. In '98, the same plant, by actual count, produced 6,500 blossoms, and a large number had been cut off before counting. This marvellous prodigality of bloom is not unusual with it, as it succeeds everywhere. As a pot plant it is unequalled for decorative purposes, thousands of pots in bloom being sold last Easter. The blossoms remain on the plant for a great length of time without losing their brightness, the foliage is also retained to a great extent during the winter, making the plant almost evergreen. It is perfectly hardy in all parts of the country.

Abutilon Savitzi. A novelty of sterling merit. More than half of the leaf is

3 white, and in some cases a great many leaves are almost pure white. The white is also very clear and pure and not a yellowish-green. It is a very compact grower, and one of the most beautiful variegated plants. It thrives out of doors in summer and retains its beautiful variegation in the hottest sun. And for a border plant we know of no other which will make the show and do so well as Savitzi.

Acalypha Sanderi. Without a doubt the most sensational new plant introduced

1 for many years and one of the most striking flowering ornamental plants we have ever seen. It is of strong, free growth with large dark green leaves from each axil of which, one to two feet long and nearly one inch thick, rope-like spikes of

velvety crimson flowers are gracefully suspended, as shown in our illustration, which conveys but a faint idea of the beauty and distinct warm coloring of this splendid acquisition; but the remarkable floriferousness and the great size of the spikes of flowers (compared to the plant) is fairly well shown. The plant is in flower the year round and is as easily grown as Coleus, simply requiring a warm temperature to develop its full beauty.

Chrysanthemum. PHILADELPHIA — A magnificent variety of graceful globular form, color white, illuminated with lemon-yellow, giving it a peculiar pleasing appearance not seen in any other variety. As a fine finished flower it stands head of the list.

MRS. PERRIN—Of the pink Chrysanthemums this is easily 6 ahead of any of the new varieties. Color is distinct—a lovely pink, under electric light taking on a pretty flesh tint. Stem and foliage are excellent. This will be one of the best varieties. Its immense size and good color have carried it to the front as an exhibition bloom. Midseason to late.

NIVENS—An ideal variety for exhibition purposes. It is an 5 immense flower, of the purest white, slightly hirsute, and of exquisite form and finish. Its merits may be judged by the fact that it won first prize for the best twenty-five white, in competition with the finest examples of *Queen* and *Mrs. Henry Robinson*. Stem, neck and foliage are all perfection.

Rudbeckia "Golden Glow." A glorious plant, and one that

2 should find a place in every garden. Without question the best hardy plant introduced in many years. It is of fine habit and vigorous growth, attaining a height of from 4 to 6 feet, and begins to flower early in the season, and continues until late in the fall. The flowers are produced in enormous quantities on long stems, and resemble a fine double golden-yellow cactus dahlia; as a cut flower for vases, etc., it has no equal.

One Collection, 7 varieties, post-paid, to any address, 50c., or 3 Collections, \$1.35.

Something New and Novel in Cream Separators

Note well
Special Features
of the

"MAGNET"

CREAM

SEPARATORS

not found
in others.

Strong and Durable.

Convenient Height.

Top of Tank 53 inches from floor, therefor no straining to fill.

Cream Pail Support.

All running parts entirely inclosed from dust and dirt.

Special mechanical contrivance of spindles and bearings, prolongs the life of machine and makes it easy to operate.

The Bowl is a marvel, easily cleaned, and having a close skimming capacity.

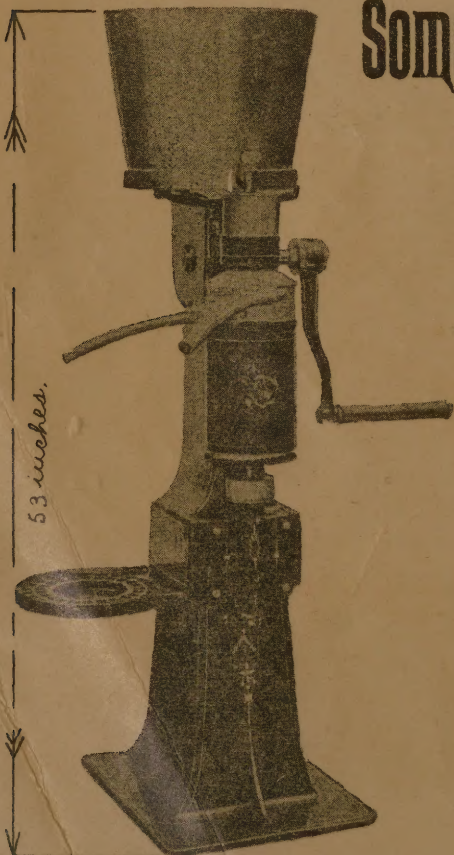
350 to 400 lbs. (35 to 40 gal.) per hour. Price, \$85.00.

Manufactured by

ROBERTSON, TAYLOR & CO.

DARCH & HUNTER,

CANADIAN AGENTS.



PATENT APPLIED FOR.

To our Friends, the Friends and Customers of the late firm of John S. Pearce & Co.:

IN presenting to you our first annual Seed Catalogue under the new firm name, we think it proper, by way of introduction, to say a few words in regard to the individual members comprising same. As will be seen by this catalogue, we have succeeded the reliable, long established, and well known firm of John S. Pearce & Co., who, through their care and selection of the Seeds, Bulbs, Plants, etc., have built up a mail order and retail trade that is one of the largest in Canada. This business did not attain its present mammoth proportions at one bound, but step by step, year by year, it has had that steady growth that speaks volumes for the reliability and high germinating quality of the seeds sent out, and the increasing confidence of the farming and gardening community.

Mr. Darch was an employee of the late firm of John S. Pearce & Co. Entering the business fifteen years ago, he has worked his way through every department of the business, spending the greater part of six years in the seed department proper, and finally attaining the high position of chief accountant, which he has retained for the past eight years.

Mr. Hunter, who has been in the seed business for twenty-five years, and was also an employee of the late firm of John S. Pearce & Co. for the past eighteen years, is a practical seedsman and thoroughly conversant with every detail pertaining to the seed business. He has for the last eight years had sole charge of preparing the annual Seed Catalogue, he has overseen the testing and growing of every variety of seed handled, and personally noting the germinating quality of same.

It will therefore be seen that, while it is a new firm who are asking for your esteemed patronage, your order will pass through the same hands, have the same supervision, the same care and attention as of old. In fact, it is our intention to devote still more of our personal attention to the mail order and retail departments, and to extend the already mammoth business (which last year was the largest in the history of the late firm) until there shall not be a man, woman or child interested in Agriculture or Horticulture who shall not know and welcome the arrival of the beautifully illustrated seed and floral guide advertising Darch & Hunter's Seeds.

We hasten to assure you that our constant aim will be to please and to make our business relations with customers both pleasant and profitable, but high above every other principle and aim, we will hold forth and put into practice always our motto: "Quality First."

Thanking you in advance for your valued orders, and wishing you a happy and prosperous New Year, we remain,

FRED. J. DARCH
JOHN W. HUNTER.

Yours faithfully,

DARCH & HUNTER.

THINGS WORTH KNOWING.

Scabby Potatoes Prevented.

Potato scab has been very successfully prevented by treating the tubers to be planted thus:

Dissolve 24 ounces of corrosive sublimate in about 2 gallons of hot water, and then in ten or twelve hours afterward dilute the solution with thirteen gallons of water. Wash the potatoes if they are very dirty, and immerse them before they are cut in the diluted solution for an hour and a half, then spread out to dry. Cut and plant in the usual manner. By this treatment very smooth potatoes have been grown from very scabby tubers.

The corrosive sublimate is very poisonous, and must be used with great care. All treated tubers not planted must be deeply buried or placed beyond reach of children or animals.

To Keep Potatoes Plump and Without Starting.

Potatoes for eating purposes are kept in fine condition—much longer than usual—particularly when stored in too warm a cellar or in warm climates, by destroying the vitality of the buds (eyes), which prevents them from "starting" and the consequent premature shrivelling. The method—before storing, immerse the potatoes for one hour in a solution prepared in the following proportions: 25 gallons of water in which has been thoroughly mixed 1 to 1½ pints of sulphuric acid. After removing the potatoes, allow to dry thoroughly, then place in barrels to prevent evaporation. Many germs of decay are also destroyed by this operation, which helps preservation.

Potatoes treated as above are, of course, useless for planting purposes.

To Prevent Crows from Destroying Corn.

Immerse the shelled corn in coal tar for a moment, then dust plaster over it.

To Prevent Insects from Destroying Newly-Sown Seeds.

Moisten and then stir them in red lead until they are coated with it. Allow them to dry an hour or two before planting.

To Hasten the Ripening of a Few Tomatoes.

The paper bags over the green fruits (as is done with grapes). It usually makes several days' difference.

Fresh Tomatoes until December

Can be had by picking the late unripened fruits just before frost and placing them on straw under the glass of a cold frame, or in the cellar of a barn or dwelling-house.

Beet, Carrot, Salsify, Parsnip Roots, etc.

May be kept in a cellar longer than usual without wilting, by packing them in damp sand or sphagnum moss. Wintered-over roots, such as Turnips and Beets, can be started in a cellar for their tops, which grow white (blanched), and make an excellent salad.

Asparagus—the Earliest, most Productive and Largest

May be had by growing only male plants, which do not bear seeds and are therefore stronger growers. Sow the seeds in rows, and in two years discard those that seed and make up your permanent bed from those that do not seed.

Fruit Trees Bearing Every Year.

The method employed in some important fruit-growing districts to secure a crop of fruit, such as Peaches, Apples, Plums, Pears, etc., with uniformity every year (providing the flowers are not rendered sterile by freezing) is to systematically thin out the young fruit after danger from frost in the spring, and before the fruit gets large enough to become a tax on the tree. Fruit is seldom produced on the same spur every year; therefore, in thinning, they remove all of the fruits from one spur without injuring it, so it may produce fruit buds for the next year, allowing the next spur to bear—of course, discriminating between promising and poor fruit.

Various contrivances have been invented for this work, but they have proved impracticable, for they do not discriminate between the good and poor fruit and, besides, often injure and break off spurs. So thinning has to be done by hand, and, aside from the great advantage of insuring a crop for the following year, it pays the same season on account of a far larger proportion of the fruit being of superior quality and higher market value.

A New Factor to be Considered in Selecting only a few Fruits for a small Home Garden.

We often have reports from people who have only one or two trees, something like this. "My tree is large and healthy, but it has never borne any fruit. Why is it? And what can I do to make it bear?"

It has only recently become general knowledge that a number of varieties of fruits are partially or totally self-sterile, that is, if they are isolated and dependent upon their pollen they bear but little, or if the flowers are entirely sterile they bear no fruit at all. The same variety may bear enormously in a mixed orchard. While this investigation of self-fertile and self-sterile fruits is still in its infancy, enough has now been proven to enable some of the latest works on fruit culture to give quite a list of Apples, Pears, Plums, Grapes and Strawberries that will bear when planted by themselves and those that will not.

We have for several years in our Strawberry Catalogue mentioned the varieties of Strawberries that will bear alone and those that will not, and we think progressive nurserymen should publish a similar list in their catalogues in regard to fruit trees for the benefit of those who only want a few trees for their home garden.

If you have a perpetually barren fruit tree in your yard, our advice would be to graft it in several places with some known fertilizing variety.

Cut Flowers may be Kept Fresh

Much longer than usual by removing them from the vases at night, sprinkle them well and wrap stems, flowers and all closely in a saturated cloth, put in a cool place (above freezing) in the morning put fresh water in the vases, cut off about one-half an inch of each stem, thus removing the callosities which forms on the bottom; this allows the stem and flower to again absorb water.

To Prevent Petals Dropping from Flowers.

Apply with a camel's hair brush a little transparent gum to the base of the petal and tube; the gum to be prepared by mixing white shellac with methylated spirit in a glass, china or stone jar, place by the fire and shake occasionally the first day.

FREIGHT AND EXPRESS RATES.

For the convenience and guidance of our customers in Manitoba, the Northwest Territories and British Columbia, we give below approximate freight and express rates to all points named. Customers will please note that the freight on three to five bushels will only cost about as much as one bushel:

FREIGHT RATES FROM LONDON—On Barley, Oats, Peas and Wheat.

To PORT ARTHUR, on any quantity under 200 lbs., will cost \$1.40				Over 218 lbs., at rate of \$0.64 per 100 lbs.			
" WINNIPEG,	"	198	"	"	193	"	96
" BRANDON,	"	201	"	"	201	"	1.17
" REGINA,	"	208	"	"	208	"	1.39
" CALGARY,	"	208	"	"	208	"	1.73

On Clover and Timothy seeds the rates are about one-fourth more than above, except Victoria, where the rate is \$2. On seed drills and agricultural implements the rate is about \$1.85 per 100 lbs. to Winnipeg.

EXPRESS RATES FROM LONDON.

	When not over—5 lbs.	7 lbs.	10 lbs.	15 lbs.	20 lbs.	25 lbs.	30 lbs.	35 lbs.	40 lbs.	45 lbs.	50 lbs.	100 lbs.
To PORT ARTHUR.....	\$0.70	\$0.85	\$1.00	\$1.10	\$1.25	\$1.50	\$1.60	\$1.80	\$2.00	\$2.25	\$2.25	\$4.50
" WINNIPEG.....	70	95	1.15	1.35	1.65	1.85	2.10	2.50	2.75	2.83	2.88	5.75
" BRANDON.....	75	1.00	1.20	1.50	1.75	2.00	2.50	2.75	3.25	3.50	3.50	7.00
" REGINA.....	75	1.00	1.35	1.75	2.00	2.50	3.00	3.50	4.00	4.50	4.50	8.25
" CALGARY.....	75	1.00	1.50	2.00	2.50	3.25	3.75	4.25	4.25	5.25	5.50	10.75
" VICTORIA, B. C.....	85	1.15	1.65	2.35	3.00	3.75	4.50	5.25	6.00	6.75	7.50	15.00



HUNDREDS
OF LOADS
LIKE THIS
BROUGHT
INTO
LONDON
MARKET
BY
MR. TOM
WISTOW.
YOU CAN
DO THE
SAME
BY USING
D. & H.'s
SEEDS.

NOVELTIES AND SPECIALTIES in Vegetables and Flowers

IT is with a great deal of pleasure that we present to our thousands of friends and patrons this list of new and desirable varieties of Flowers and Vegetables contained on these colored pages, and feel sure all who are fortunate enough to give one or more of them a trial will derive both pleasure and profit therefrom.

We will not, under any consideration, allow a variety to be sent out before submitting it to a most thorough test on our Trial Grounds, as to its superiority over old and well known varieties.

Keeney's Pencil-Pod Wax

Grows a taller, stronger, more vigorous bush than the Improved Prolific Wax, which is one of its parents. The other parent is the Round-Pod Refugee, or Thousand to One, and from this latter source the Pencil-Pod Wax gets much of its vigor, hardiness and productiveness, and its long, slender, straight, handsome pod, shaped very much like a lead pencil. It inherits fine quality from both parents, and is, without doubt, the finest strain of wax beans known to the trade. It is very early and productive and is certain to become very popular. We have great pleasure in recommending the New Wax Bean as one of the best for pickling purposes that has been introduced for years. **Lb. 25c.; post-paid, 30c. Stock limited.**

EXTRA EARLY Eureka Cabbage

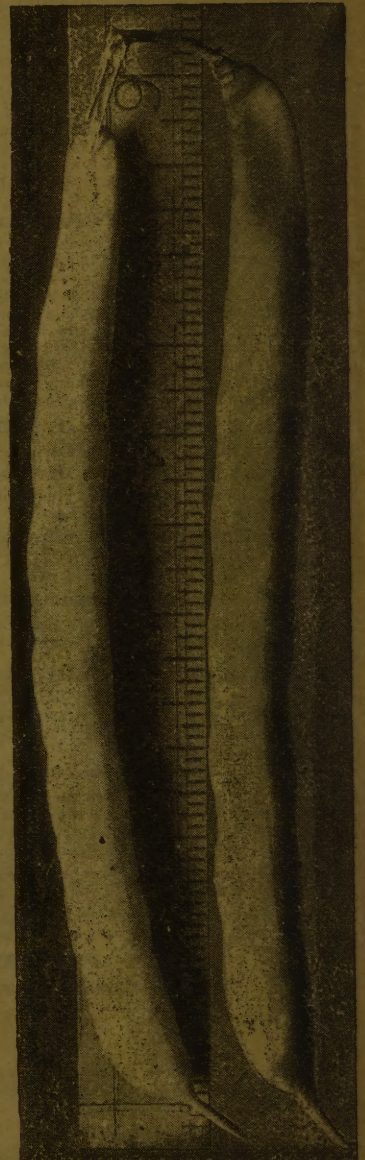


Originated by one of the best cabbage growers in the world; it is a cross of Early Wakefield and Succession; type of latter, as early as former, and as hard as the Holland or Danish Ball Head. This fine new cabbage represents an early type of great value; has all the merits of Succession but matures in advance; in fact, it is ready to cut before Jersey Wakefield. It is a flat cabbage with the quick maturing ability of a pointed cabbage.

Single heads of Eureka often attain a weight of 7 lbs., average fully the size of Succession, and few outside leaves; plants may be set as closely as 21 ins., or 13,500 to the acre. Growth very uniform, head being round and slightly flattened; stem is short and extends but a little way into head. Plant is finely bred in every way, head being nearly all edible. The leaves present no coarse features; head is formed

while the plant is still comparatively young, long before reaching maturity, and head grows in size and hardness as plant attains strength. Flavor is very good, and the Eureka Cabbage is equally adapted to private gardens and to market. It will outweigh Jersey Wakefield fully a half, head for head, which is a very important matter in commercial gardening, and would be significant where cabbage is grown by the acre. We consider it a highly valuable addition to our list. **Pkt. 10c.; half oz., 35c.; oz. 60c.**

You can order from this List with your eyes shut and get a good thing every time.



BEET--D. & H.'s ALPHA

...The Finest Table Beet ever Introduced...

A new dark-leaved variety of the blood turnip type. Originated with a prominent English grower, from whom we bought the entire stock with the sole control and privilege of naming it. It is not the earliest, but follows the Eclipse. Has the darkest of flesh, large size, beautiful shape, which is between round and flat, clear skin, small top and single tap root, and differs from all other dark blood sorts in that it has the sweetness of the Bassona, which was acknowledged the sweetest beet grown until Alpha was originated.

Pkt. 5c.; oz. 20c.; 2
ozs. 35c.; ¼ lb. 50c.;
lb. \$1.25.



D. & H.'s ALPHA DARK RED TURNIP BEET.

No Market Gardener who grows Beets should leave it off his list.

New Early Sweet Corn

As is well known, the famous Evergreen Sweet Corn originated over to years ago with Mr. Stowell, a grower for Philadelphia markets; but while one of the best late varieties, no effort has ever been made to improve it in earliness until now. In the New Early Evergreen we have a selection possessing every good quality of Stowell's Evergreen and resembling it in every respect (see photograph, made for comparison), except that the stalk is about one foot shorter, more closely jointed, and that it will mature for market in eighty days, or fully ten days earlier. Could anything better be wished for? While about one-third smaller, the ears are of typical Stowell's

type and of the same fine quality; they measure seven inches in length, rather thick, with twelve or more rows of handsome, large grains. It is valuable for truckers, canners, and private gardeners who want a continuous supply of good sweet corn, as it fills the period between Crosby's Early and regular Stowell's Evergreen. No other sweet corn will find ready sale in a market which is supplied with Early Evergreen, and the market gardener who wishes to get the cream of the trade, or the home gardener who wants his table supplied with the best should make their plantings of this splendid novelty. Pkt. 5c.; pt. 20c.; qt. 35c., post-paid.

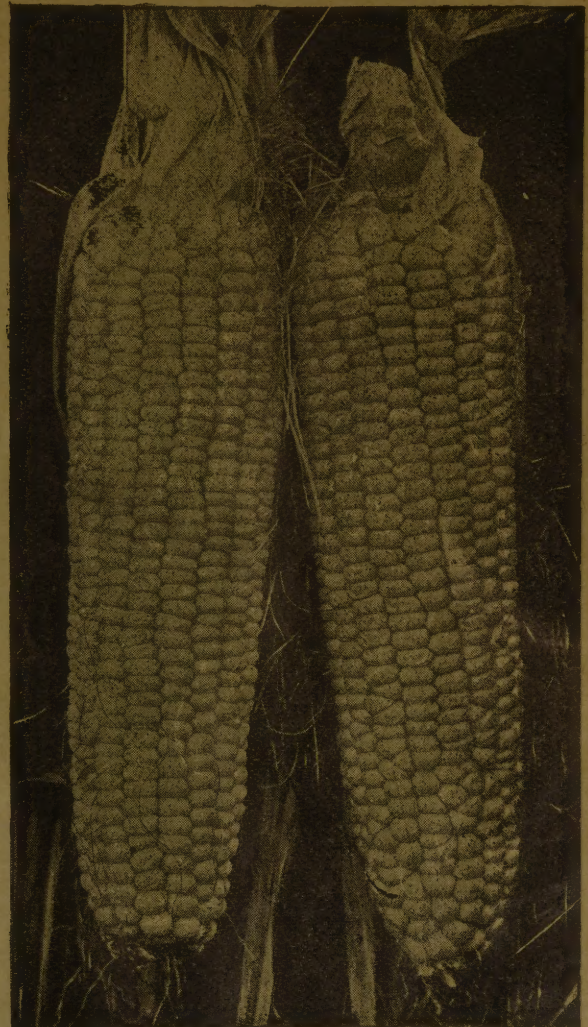
Radish--OSAKA

Original seed imported from Japan. They are very crisp and brittle; both the skin and flesh are pure white. The radishes are of mammoth size, and might be called "half-long" in shape. A fair specimen will measure nine inches in length by about three inches in diameter, tapering abruptly. Pkt. 5c.; oz. 20c.

THE EMERALD Cucumber

In color it is a rich, dark green. It has the ability to hold its desirable color long after being picked. The skin is almost free of both warts and spines, and the cucumber is nearly as smooth and handsome as the famous English forcing types. It is entirely evergreen, in that it retains its color from the time of setting until full maturity. The vines begin to bear early, and the long, straight, handsome cucumbers are most pleasing to the eye. It is suitable for pickling at any stage of growth, and is admirably adapted to forcing under glass, as it is a prime shipper, and its handsome appearance is sure to sell it. Its table quality is unexcelled, the flesh being peculiarly crisp and tender but its most striking feature is its beautiful, dark green skin. Pkt. 5c.; oz. 20c.; ¼ lb. 50c.

THE EMERALD CUCUMBER



NEW EARLY EVERGREEN SWEET CORN.

Idaho Coffee Pea

A grand novelty never before offered by any seed firm in Canada, and sure to be popular. The seed is very peculiar, unlike anything you ever saw, not at all resembling the Coffee Berry listed on page 19. It is a native of Idaho and has been grown in many of western states. It is easily cultivated, and one plant produces sometimes as high as 1,000 pods. When roasted and it makes an excellent substitute for coffee, having a good flavor, and it will make a profitable crop as soon as the seed becomes cheap enough so that it can be planted largely. It is especially adapted to arid regions, apparently gathering sufficient moisture from the atmosphere. A small amount of seed is sufficient, as it does best planted in rows three feet apart, dropping one pea every fifteen inches. It will grow almost anywhere, frost and wind seem to have little effect on it, and it is said that insects do not bother it. Can be cooked like ordinary garden peas and tastes equally good, also makes a very delicious soup. If cut green it makes an excellent fodder plant, which is nourishing and fattening, and it yields an immense fodder crop. Don't fail to try it this year, even if you purchase only a small quantity. Pkt. 5c.; oz. 10c.; ¼ lb. 25c.



GOLDEN EAGLE MUSK MELON.

able to be destroyed by blight, and the fruits do not sunburn or crack open in hot, dry weather. Pkt. 5c.; $\frac{1}{2}$ oz. 20c.; oz. 35c.; $\frac{1}{2}$ lb. \$1.00.

BLACK.... Water Melon DIAMOND

A cross between Kolb's Gem and Hoosier King. All that could be said of Kolb's Gem as to good shipping qualities can be truthfully stated in a higher degree of the Black Diamond. All praise of high quality bestowed on the Sweetheart as to its "cutting" nicely and peculiarly sweet flavor, can be repeated of our new melon, but its prominent point of merit is its **extreme size**—no melon ever yet produced anything like so uniformly large fruit nor approaching it in **productiveness**. Melons weighing from 75 to 90 lbs. are frequent, and cars are loaded with specimens averaging 30 to 35 lbs. each to the whole car. It is the most prolific Water Melon ever planted. The most distinct point in its appearance is its color, which is a rich, dark green, almost black, and of such a shining luster it produces an effect as if the fruits were varnished. Of uniformly symmetrical shape, roundish to bluntly oval, and this similarity of shape running through the whole field. The habit of the vine is extremely vigorous, and when planted at the same time as the older standard varieties, the vine growth is more rapid. Commission men give it the preference over any other melon they have handled. Pkt. 5c.; oz. 15c.; $\frac{1}{2}$ lb. 40c.; lb. \$1.25.

The "Golden Eagle" Musk Melon

This grand new variety is the result of careful cross-breeding and selection by the Hon. Paynter Frame, originator of the Melrose Musk Melon and Mammoth Ironclad Watermelon, and is especially a general-purpose melon. It is a strong, vigorous grower, and remarkably productive, succeeding well in nearly all locations, and producing a large number of fine fruits even in unfavorable seasons. Fruits are of good size, remarkably fine quality, and firm enough to stand shipping. The oval fruits are quite uniform in size, being about ten inches long and seven inches in diameter in the centre portion, well ribbed, heavily netted, and of a light golden hue when ripe. The flesh is very thick, ripening well down to the rind, and the seed cavity is comparatively small. The flavor and aroma of the ripened fruit are delicious; the rich salmon-colored flesh is sweet and melting. For stiff soils and the home-garden it is as great an acquisition as for the large growers in the melon districts. The vines being so vigorous, are not liable to be destroyed by blight, and the fruits do not sunburn or crack open in hot, dry weather. Pkt. 5c.; $\frac{1}{2}$ oz. 20c.; oz. 35c.; $\frac{1}{2}$ lb. \$1.00.



BLACK DIAMOND WATER MELON.

NOTT'S NEW PERFECTION PEA



NOTT'S New Perfection PEA

A wrinkled sort of high quality. We think we may pronounce it superior to Excelsior in several respects, good as that variety is universally admitted to be. It is the result of a cross between Excelsior and Premium Gem, and has virtues of both with several distinguishing features of its own; not quite as early as Excelsior, but harder and more productive. It grows 14 to 16 ins. high and produces pods liberally, each containing 8 to 12 fine peas, remarkably sweet and rich. In comparative field trials with Excelsior it has outyielded that famous variety, and pods are of good marketable appearance and size. The value of the dwarf varieties of peas is generally understood by market gardeners. Can be closely planted and economically cultivated and gathered. Nott's Perfection is at the head of its class. We think every customer to be up with the times should sow this pea, and give it a fair trial. Pkt. 5c; pt. 30c; qt. 50c, post-paid.

Asparagus

... or WINGED PEA.

The new Asparagus Pea, planted Apr. 1st, germinated about the same time as Profusion, but unlike others, it comes up with two broad leaves, resembling an apple tree, and soon begins to throw out shoots with leaves very much like a red clover. It has the strange habit of folding its leaves over the end of a shoot as night comes, showing them open again as the sun appears. First blossom came out June 25th and 55 were out at same time. Diameter of plant was 31 ins., height, 12 ins. June 29th, 70 blossoms; July 4th, 112 blossoms out at the same time. Deep red or cardinal blossoms in contrast with the handsome, green, clover-like leaves, makes it one of the most beautiful novelties. Plant is very hardy; seems to stand the heat and cold, wet and drought without being much affected. It seems to be proof against the pea weevil, and free from attacks of all kinds of insects, and one of the most wonderful bearers that we have ever seen. The plant bloomed for 93 days, and contained over 200 developed pods. The beautiful appearance and strange habit and its hardy constitution fits it for a place in any vegetable or flower garden in the land. Owing to the small size of the seed, 1 oz. will sow as much space as a pint of ordinary varieties. Pkt. 5c.; oz. 25c.



ASPARAGUS OR WINGED PEA.

Full Directions for Cooking Asparagus Peas with every purchase.



NEW WHITE PRIZE-WINNER ONION.

New White Prize-Winner

The Largest and Best White Onion.

The New White Prize-Winner was originated from a single white onion found in a large field of Prizetakers in 1891, and not until this season have we had sufficient seed to offer it in quantity at a reasonable price. In magnificent shape and enormous size, the White-Prize Winner is the exact counterpart of the Mammoth Yellow Prizetaker, which has become so popular in the last few years, differing only in its handsome, silvery-white skin. Hundreds of our best market gardeners and onion growers have given it a trial, and, judging by the large number of favorable reports, nothing equal to it in the line of white onions has ever before been grown in America.

Pkt. 5c; oz. 30c; 2 ozs. 50c; ¼ lb. 90c.



GROUND CHERRY—IMPROVED YELLOW.

GROUND CHERRY

... Yellow Improved ...

Another year adds to our faith in this popular little fruit which we introduce for the first time, after being thoroughly tested for the past two seasons, and as a fruit for the table it cannot be excelled. It is a great improvement on the wild Ground Cherry. They grow well on almost any dry soil; are easier raised than the tomato, and are prolific bearers, and oh! such luscious fruit! For sauce they are excellent, and for pies, nothing can equal them for taste and flavor. They are delicious as preserves; and when dried in sugar are much better than raisins for cakes and puddings, and they will keep, in the shuck, if put in a cool place, nearly all winter. No one, after raising them once, will ever make a garden again without devoting a small portion at least to the Ground Cherry. Pkt. 5c.

GIANT PRIZE-TAKER ONION

Giant Prize-taker has excited more favorable notice from the agricultural press and progressive gardeners in all parts of the country than any other variety. Prizetaker is of a bright, clean straw color, and always grows to a uniform shape, which is a perfect globe. Has a very small neck, and always ripens up large and fine without any stiff neck. In market it attracts marked attention, and is sure to bring two or three times the price of any other, either red, white or yellow, for Prizetaker is more attractive in appearance than the large Spanish Onions imported and sold in large cities for many years at fabulous prices. With ordinary cultivation frequently yields 700 to 800 bushels per acre, and with extra care and attention often runs up to 1000 bushels per acre. Pkt. 5c; oz. 20c; 2 oz. 35c; ¼ lb. 60c; 1 lb. \$2.00; 5 lbs. \$8.00. Our special discount does not apply to 5 lb. lots.

LONDON, December 6th, 1899.

DARCH & HUNTER.

Dear Sir,—Your inquiry as to how the Giant Prizetaker Onion, purchased from your predecessors, John S. Pearce & Co., did with me, beg to say that I was more than satisfied with the results. I procured from the different Seedmen throughout the U. S. and Canada about 20 different samples which I sowed alongside of yours, giving them the same care and attention as I gave yours. From your seed I did not have more than 2 per cent. thick necks, while the others ranged from 10 to 80 per cent. The photo of the truss of Onions which I place at your disposal to use as you see fit contains 30 Onions measuring 1 heaping bushel weighing 57½ lbs. and have many single specimens weighing 2 lb. 6 oz. I have been buying your Giant Prizetaker seed for 7 years and have always found it good, but this year it is the best I ever had. All other seeds purchased from you have given the best of satisfaction. Wishing you every success.

I remain yours truly, THOMAS BALL, Mkt. Gardener.

Mr. Wm. Pack says—They (Giant Prizetaker) are the best samples of Onions I have ever seen.

ANOTHER CUSTOMER SAYS—I could go into Mr. Ball's field and fill a wagon box in five minutes, I never saw such onions (Giant Prizetaker) in all my life.



GIANT PRIZE-TAKER ONION.

The New Universal Combination Drill is the best labor saver for the Market Gardener. (See Implements.)



NEW GIGANTIC ONION "GIBALTAR."

New Gigantic

Onion

From Spain.

" GIBALTAR "

While similar in appearance to the American-grown Prize-taker, the New Gigantic Gibraltar onion is lighter in color and of more globular form. In the prize competition of last year the Prize-taker retained first place for size, but the Gibraltar developed such pronounced good qualities, such perfection of form and color, together with uniform large size and fine appearance that it has our most enthusiastic recommendation. The Gibraltar is of handsome globular form, of beautiful light straw color—lighter than the American-grown Prize-taker. We have a limited stock of seed of this wonderful onion, which we offer at the following prices: **Pkt. 10c.; 3 pkts. 25c.; oz. 35c.; 2 oz. 60c., Stock Limited.**

MARKET GARDENERS!*We call your special attention to our***LIBERAL DISCOUNTS***On top of Order Sheet, this Catalogue.***New Sandwich Island****PUMPKIN**

An Eminent and Surprisingly Fine Variety.

It affords us great pleasure to present to you this new "Pumpkin Novelty." We never offer a novelty unless it has been carefully tested, and this new pumpkin is no exception. Comes from a remote section of Sandwich Islands. Remarkably distinct in every way, of fine size very prolific bearer, and delicious thick flesh. An excellent keeper. Certainly a grand future is in store for this new Pumpkin. Seed is naturally scarce this season, yet we place the price within the reach of all. Order early before our supply is exhausted. **Pkt. 10c.; oz. 25c.; 1 lb. 75c.**

**New French Squash****WARTED PORTUGAL.**

After several years of testing we herewith introduce to our customers what we believe to be the best flavored, best shaped, and most productive squash in cultivation for table use. The color of the shell is of a rich yellow, resembling the field pumpkin in that respect; the whole outer surface is very warty. The flesh is very thick and of a beautiful high color, sweet and dry when cooked. Very productive, and averages a larger size than the Hubbard, which it resembles in shape, although hardly so pointed. After three years' trial of this new variety, and finding no variation in color, shape or size, we are convinced it is certainly a fixed type not liable to sport. We have secured a stock direct from the originators. **Stock limited. Pkt. 5c.; oz. 35c.**

NEW IDEAL Mammoth Rhubarb.

The rhubarb (or pie plant) is a vegetable which it is difficult to improve and it takes many years to fully establish a new variety. About twenty-five years ago Dr. Kennicott, of Illinois, in growing roots from seed found one which was so far superior to and different from all others that he saved it carefully, and the root has been divided and propagated from year to year. Like all other highly improved sorts it seeds very sparingly, and comes more nearly true to name when grown from seed than most other sorts. The stalks are fully as large, if not larger than the Victoria, and are produced in greater abundance. We have no hesitancy in calling it the most vigorous and productive variety known. Quality is unsurpassed. **Per pkt. 5c.; oz. 35c.**



NEW FRENCH SQUASH—WARTED PORTUGAL.

We lead, others try to follow.



McCOTTER'S PRIDE MUSK MELON.

ROCKY FORD Musk Melon

Such has been the unprecedented popularity that in every large melon-growing section, it has been given a new name and besides, the name of Rocky Ford representing the best musk melon growing sections in the world; it is also known by the following: "The Alamo," "Dewey Gem," "Improved Netted Gem," "Golden Gem," "Golden Jenny."

In the past few years, Colorado has developed into a great melon growing State. In 1898, over 800 carloads of these now celebrated Rocky Ford Musk Melons were shipped, reaching almost every large market in the United States, realizing handsome profits, owing to their fine quality and appearance. "Never breaking down in shipping." Nineteen carloads of these melons were also sent to the Omaha Exposition by the Rocky Ford Growers' Association as an advertisement. Rocky Ford is unquestionably one of the best early melons in existence for market gardeners and shippers as well as for the home garden. Selected seed. Pkt. 5c.; oz. 20c.; 2 oz. 30c.; ¼ lb. 50c.; 1 lb. \$1.75.



ROCKY FORD MUSK MELON.

"THE GARDENER'S PRIDE"

Cauliflower

Pearce's Eureka.

(DARCH & HUNTER'S PRIVATE STOCK)

When we introduced our "Best of All" for public favor last year we thought then that perfection had been attained. Among a number of samples received from our grower in Russia, was one market No. 56, and who says: "I consider this the finest of all my introductions, and if in your trials of it you find it suitable for your climate, will reserve all I grow this season for you which will only be a very limited quantity." We tested it ourselves, and sent out a great many samples to our critical market garden customers, and one and all pronounce it the earliest, largest and most sure header, white and of the finest texture, and altogether the best Cauliflower they ever tried. Pkt. 25c.; 3 pkts. 60c.; oz. \$5.



CAULIFLOWER—PEARCE'S EUREKA.



THE MARKET GARDENER'S FORCING RADISH.

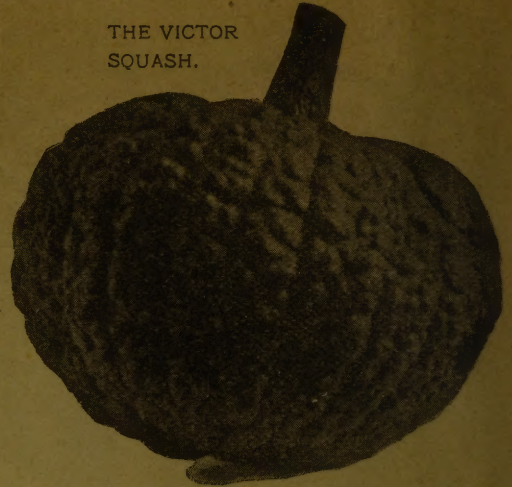
This very excellent new strain is far superior to any other variety. It is a great improvement over the old variety of Scarlet Globe or Cardinal. In color it is a brilliant scarlet, in flavor it is mild, crisp, juicy and tender. It forms a small top, and will stand a great amount of heat without becoming pithy. For forcing in green-houses, hot-beds or cold-frames, and for sowing early out-of-doors, there is no other variety that will pay better, as its very attractive color, handsome shape, and fine qualities will command a higher price and a more ready sale. Pkt. 5c.; oz. 15c.; ¼ lb. 40c.

Every Variety of Seed is thoroughly tested before sending out.

The Victor Squash

For several years past we have had our attention drawn to a new squash. It is of a rich orange yellow color generally, with a thick shell, thickly covered with warts. In size and shape it resembles the Essex Hybrid. The flesh is thick-meated, and the quality is excellent during its season, which is from September till February. As far as it has been tested, its quality is spoken very highly of. Its hard, flinty shell makes it a capital keeping squash. On the whole it is entirely too good and distinct a variety to be kept back from the public any longer, and we therefore catalogue it this season. It is an excellent cropper, and the squashes are of the size of the Essex Hybrid. The squashes are very heavy, handling like solid blocks of oak. (See cut taken from a photograph).
Pkt. 5c; oz. 25c; 2 oz. 40c.; $\frac{1}{4}$ lb. 75c.

THE VICTOR
SQUASH.



POTATO

Gem of
Aroostook

It is a robust, healthy grower, not having shown any disposition to rot in any locality during the past most trying season. It is of excellent quality for table use, either baked or boiled; is dry, floury and white. For handsome tubers and large yields it is not surpassed by any other good potato on earth to-day. The color is a handsome mottling of light magenta-pink on amber, flesh-colored ground. It colors this way with us, but potatoes color differently in different soils and localities. We have most substantial reports from trial samples sent out last year. All speak of its unusual immunity from rot and its great productiveness. Very large specimens were grown by some of our customers. William Ballard raised one tuber of it, smooth and handsome, weighing 3 lbs. 2 ozs.; Walter Blanding raised one, beautifully smooth, weighing 3 lbs. 4 $\frac{1}{2}$ ozs.; and Mrs. Louisa Davidson raised a shapely specimen, that weighed 3 lbs. 1 $\frac{1}{2}$ ozs.



GEM OF AROOSTOOK.

Lb. 25c; 3 lbs. 60c. post-paid; peck, 60c; bush, \$2, by freight or express at purchaser's expense.



The Enormous PUMPKIN.

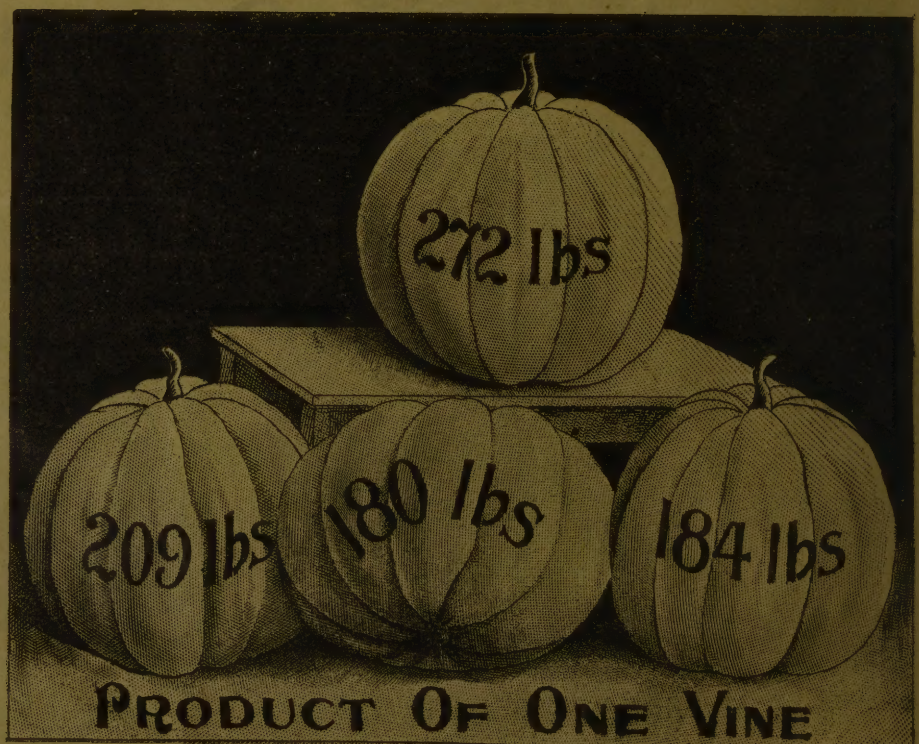
The Largest on Record.
Grand and Colossal.

A first-class keeper; have been kept until April without showing any sign of decay. Skin and flesh of a bright golden yellow color. Although of such enormous size, it is firm fleshed, fine grained, and one of the best pie pumpkins we ever grew. No other pumpkin ever introduced has attained such enormous weights and been awarded so many prizes. The largest pumpkin at the Western Fair was exhibited by us, and it weighed 350 lbs. Many of our American visitors took a snap shot of it, saying it was the largest they ever saw. Seed saved from specimens weighing from 150 to 350 lbs. Pkt. 10c 3 for 25c.

Full and complete directions

"How to Grow Big . . .
Pumpkins and Squashes"

sent with every purchase of 1 packet
or more



This is a photograph of four Pumpkins grown on one vine, the total weight being 845 pounds.
Grown by Mr. Abel Steel, Ferguson P. O.

We have a choice list of Fruit in this Catalogue; see pages 61 to 64.

Burbank's Preserving Tomato

In distinct character of growth this new tomato shows to a marked degree what can be accomplished by skilful hybridization. Like the Burbank Rose, this is a creation of Mr. LUTHER BURBANK'S.—the world-famous WIZARD OF HORTICULTURE." The stiff stems stand very erect until about one foot high, when, unless pruned or supported, they become semi-trailing. The foliage is set closely on the stem. The rich, dark-green leaves although of good size, are very compact and heavily blistered, as in the original type of *Tomate de Laye*. The fruits are borne abundantly in clusters, as shown in the illustration, engraved natural size from a photograph. Of the brightest scarlet color, no other small tomato is of such rich, sweet flavor. **Pkt. 10c; 3 pkts. for 25c.**

Under the heading, "Some Novelties," the *Florists' Exchange*, of Nov. 26th, 1898, says: Of the increase of new tomatoes there is no end but it would not be fair to pass over the merits of some American novelties submitted to us for trial during the past season. **Burbank's Preserving Tomato is a gem.** The entire plant appears to be completely hidden in a mass of brilliant-colored fruits about the size of a cherry, and possessing the best possible flavor for preserves."

Our New

Tomato for 1900

Livingston's Magnus

We have tested it for several years for staking up in the open field, as well as for forcing in Greenhouses, and we believe it to be entirely unequalled for such purposes. We offer it in the expectation that it will add to our reputation as introducers of New Tomatoes.

This very distinct and most promising new variety, of the color of Beauty and Acme, is the latest addition by Livingston to the Tomato family. It is thicker, heavier, and more solid than either of the above, making it easily the most handsome sort in cultivation. It is unsurpassed in quality, and in the production of fine, large fruits. While perfectly adapted to main crop planting, yet it matures so quickly that it will take first rank for early market. The form is perfect, uniform, large and attractive. Flesh is very firm. It is a robust grower, with short joints, setting its fruit clusters closer together than most varieties, and is therefore a heavy cropper. The fruits are very deep from stem to blossom end, many of them being almost globe shaped. It ripens evenly, does not crack about the stem, and the flavor is most desirable. **Per pkt. 20c; 3 pkts. for 50c; 7 pkts. for \$1.00.**

Pearce's Princess . . . Tomato

(D. & H. Private Stock) The most distinct Tomato in habit of growth grown. Will yield more bushels to the acre of first-class fruit than any other known variety. Give it a trial.

Introduced to our customers in 1897, having originated as far back as 1893, and up to the present time has been pure and unmixed. It is a cross between the well known Dwarf Champion and Laye's Upright or Tree, partaking of the smoothness, color of fruit and upright growth of the former, and peculiar, crimped potato leaf of the latter. The fruit is of a reddish purple color, resembling Champion; free from rot or spot; never cracks; very firm, and with very few seeds, and of a very mild flavor, almost free from acid. The vine grows very erect, supporting its beautiful bunches of fruit on stout, stiff stems. Foliage is very distinct, being more of a potato leaf than any other variety we know of. The crowning characteristic of this excellent tomato is the setting of its fruit so freely, and when the fruit starts to ripen it continues without intermission, which is a great boon to the market gardener. For the private garden, and when room is limited, there is no other variety that can be planted so closely and allow room to pick the fruit, three feet apart each way being sufficient between each plant. On very rich land, where other varieties, like Perfection, Beauty Mayflower, and other varieties of like stamp, would run all to vine, this variety will thrive and produce an immense crop. Altogether, we consider this the greatest advance made in tomatoes in many years, and offer it to the public with the fullest confidence that whoever tries it will be well repaid. 4,840 plants can be planted to the acre, allowing plenty of room to pick the fruit. **Pkt. 5c.; oz. 50c.**

MR. ABEL STEEL SAYS: I consider your Princess the Best Tomato I have grown up to date. It is such a compact grower that they can be planted very closely, and its first blossoms do not drop off like other varieties, but set their fruit at once, making it the earliest I know of. I would rather have it than the Plentiful, Beauty, or any other variety of same color.

PEARCE'S
PRINCESS TOMATO.

The Princess is the greatest money producing Tomato in the World.

The Lightning ... No. 21 — Compressed Air Sprayer

(Patent Applied for.)



Will throw any
kind of spray,
from the finest
dew to a
heavy or solid
continuous
stream
thirty feet high.



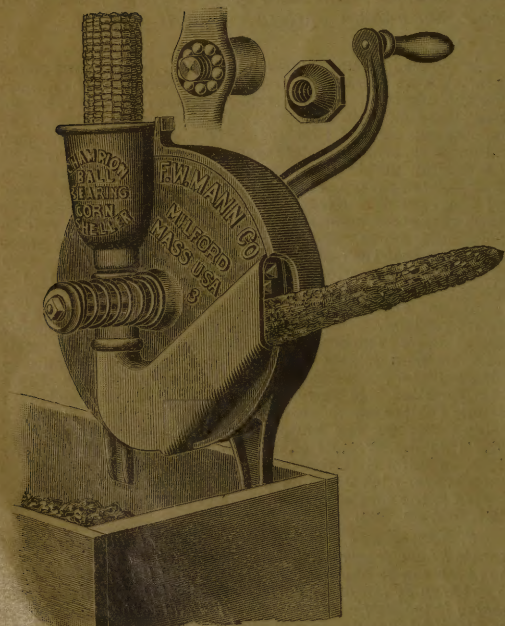
The Lightning Sprayer No. 21 is operated by compressed air. An air pump is attached to the tank which is made of heavy galvanized iron. The air is forced in up to a pressure of 60 pounds, and is governed by a check valve, which prevents over-pressure. This Sprayer is made strong and nicely painted.

To Operate this Sprayer: The tank holds nearly four gallons, and is filled about two-thirds full, and then it takes about one minute to pump the air in, and the machine is then ready for use. All the operating you need do is to open the stop-cock, which is turned to throw a fine mist or a coarse spray, or continuous stream, as shown in accompanying cuts. It will spray the tallest tree, and all that is necessary to do is to hold the hose, which has an extension pipe to carry the stream in any direction. Different nozzles are used for making the spray fine or coarse. No work required. The cut shows the manner in which the Lightning Sprayer is used. No farmer can afford to be without one of these machines for spraying the walls of poultry houses, as well as white washing walls, as it can be put on any thickness desired.

Price, \$6, by freight or express at purchaser's expense.

THE LIGHTNING COMPRESSED AIR SPRAYER IS ADAPTED TO THE FOLLOWING WORK:

1. For its rapid work, throwing a continuous spray without labor.
2. For killing insects of every nature.
3. For spraying fruit trees, almost any height.
4. For spraying flowers in vineyards in any form, or at any distance.
5. For whitewashing the walls of poultry houses.
6. For washing windows and wagons.
7. For doctors, for surgical and disinfectant purposes.
8. As a fire extinguisher it cannot be excelled.



Champion BALL..... BEARING —Corn Sheller

*It has no equal. It is the Best Sheller on the market, and considering the amount of work it will do,
it is the cheapest.*

Its work is easy, rapid, and highly satisfactory. Its unique, automatic adjustment, improved shelling disc and telescopic construction, are all new inventions, embodying improvements found in no other sheller.

This machine is designed to take the place and do the work of shellers sold for two or three times its price. It must not be confounded or compared in price with the many cheap made affairs masquerading under the name of corn shellers, whose chief merit is price, and which fail utterly to satisfy. The Champion is solid, substantial and durable. The very best material and workmanship enter into its construction. **Weight, 20 lbs. Price, \$2.75.**

The above two machines will be sent to any address for \$8.00.



THE EXQUISITE DELIGHT

of seeing a bed of flowers of your own raising, and thoroughly good, will be apt to inspire a real ambition and lay the foundation for future success with more difficult flowers.

450 Diamond Flower.

A dainty little annual with tufts of tiny foliage and beautiful little white and violet blue flowers that bloom within a month from the time seed is sown. It will grow in the open ground, over rock work or in pots, never exceeding three inches in height and rarely two. The tiny flowers have a glistening sheen that has given them their name of Diamond Flower, and being surrounded by a wreath of bright green foliage, they show to wonderful advantage. For pot culture in winter it is just superb. Sprinkle a few seeds in a small pot or saucer, or in pots where other plants are growing, and within a month you will have the most charming mat of foliage and flowers covering the surface of the soil like moss, that you ever saw. In the garden it will grow and seed all summer, covering the ground with a perfect carpet of beauty. In the fall the self sown seed will come up and bloom profusely from October until spring, regardless of ice and snow, making a lovely bed of flowers all winter. **Pkt. 10c.**

You May Win!

Our Seeds are cheap even if you have to pay for them. But yours may be the One Hundredth Order received. Your order FREE and money returned promptly.

SEND TO-DAY, DON'T DELAY.



451 BIRD OF PARADISE

The flowers of this rare plant are of a rich golden yellow, measure two and one-half inches across, and are produced in very large trusses. The most attractive part of the flower is the large pistils, which are spread in fan-like form, and are of a beautiful, bright crimson color. The foliage is highly decorative, similar to a very delicate Acacia. If the seed is started early, it will produce a profusion of blooms the first year. **Pkt. (15 seeds) 10c.**



BIRD OF PARADISE.

New Leopard-Leaved

452

Japan Hop.

This charming annual climber is sure to create a furore wherever grown. It is a rapid grower, attaining a height of 20 to 25 feet in a few weeks' time. The leaves (averaging from 6 to 7 inches across) are beautifully and distinctly marked with silvery-white, yellowish-green and dark green, partly regularly striped as well as marbled and blotched almost like crazy patchwork. It is not injured by insects, does not suffer from the heat, and it retains its lively variegated and densely packed foliage until cut down by frost. The plant is unusually vigorous, and will rapidly cover porches, fences, summer houses, rustic arches or gateways. Hardy: roots remain in ground all winter. **Pkt. 10c.**



NEW LEOPARD-LEAVED JAPAN HOP.

"Quality First" is our motto. We aim to please.



HAVE you decided to
make up a club
order for

DARCH & HUNTER'S
SEEDS

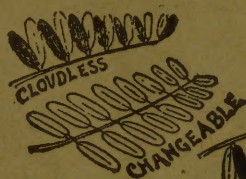
If so, do not forget
that our

Special Discount
on Seeds

in Packets and ounces
applies to both Flower
and Vegetable Seeds.

Petunias "Giants of California"

453 substance and blending color in Petunias. It is a California strain of incomparable beauty, size and luxuriance. Most of the flowers are exquisitely ruffled or fringed on the edges, and are of enormous dimensions (4 to 5 inches across), but their great merits lie in the tremendous varieties of colors, markings, veining, blotchings and stripings in the most grotesque and beautiful combinations, some with charming deep throats of yellow, white, black, green or maroon, running off into intricate veins. Some of the colors are rich and gorgeous and others of lovely delicate shades. Pkt. 10c.

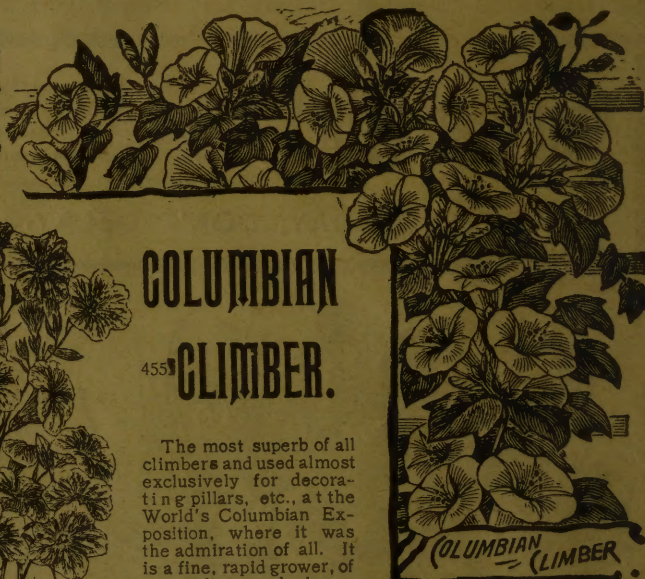


WONDROUS
WEATHER
PLANT. 454

This beautiful plant has, during the last two years, created a great sensation throughout the world. It is said that the leaves by changing their position, foretell the weather two days in advance, and extensive experiments, by order of the Prince of Wales, sometime since, proves that it is in truth prophetic. Other tests

and experiments have not been so successful, and it is yet an open question as to its merits in this respect. It is at least a graceful vine with lovely foliage and flowers. Our cut shows the position the leaves are supposed to assume in foretelling the weather. If the leaves stand upward from the twig, making with each other an angle of 45 degrees, the sky will be cloudless and the weather beautiful in all respects. If they stand out straight, changeable weather is indicated. As the leaves droop below the twig the indications range toward rain until, when the leaves hang straight downward water may be expected to fall in torrents. A local storm is indicated by the curling together of the leaves, and a fog by the bending of the twigs. Seeds are of good size and sometimes slow to germinate; should be soaked in luke warm water before planting. Pkt. 10c.

If you do not see in this Catalogue just what you want, ask us if we keep it, we keep nearly everything. Our strain of Flower Seeds are from the best growers in the world.



COLUMBIAN
CLIMBER. 455

The most superb of all climbers and used almost exclusively for decorating pillars, etc., at the World's Columbian Exposition, where it was the admiration of all. It is a fine, rapid grower, of easy culture and always a mass of exquisite green, showing no bare spots. In addition to its beautiful foliage, it produces large and handsome bell-shaped blossoms in the greatest abundance and of the most varied beauty. You cannot afford to be without this beautiful climber. Although it does grandly outside, it is also a very fine house climber, and will do exceptionally well running over windows, etc. It rewards the grower with an abundance of beautiful flowers, green at first but rapidly changing to a beautiful deep violet blue. A well established plant will run from 30 to 40 feet in a season. It grows and flourishes everywhere, and you should give it a trial, as it will not fail giving you complete satisfaction. Annual. Pkt. (10 seeds) 5c.



456 SALPIGLOSSIS
NEW EMPEROR . . .

Ease of culture is the first quality that commends the Salpiglossis to all amateur gardeners. It thrives in any good garden soil and in almost any situation, though like other flowers it responds readily to good treatment. This New Emperor strain is a very great improvement on the older type in its increased size of flowers, their improved shape and larger variety of colors, and more than all else in their singularly beautiful veinings of gold. These are the only flowers to our knowledge, that show a glint of gold in their coloring. This is one of the "good things" among this year's novelties. Pkt. 10c.

NEW CLIMBING . . . **Mad. Gunther's Hybrids.**

468

NASTURTIIUM,

For richness and variety of colors these new hybrids have no equals among Nasturtiums. There are shades of rose, salmon, brightest red, pale yellow, either as self colors or spotted and striped. The foliage is mostly dark and contrasts very effective with the rich colors. They are climbers and free and continuous bloomers.

One of our growers wrote us about them as follows:

"We have no mixture and never had one that can equal the one we are growing for you. We find it quite free from too much orange or yellow coloring, and the field as a whole shows a good variety of colors, and presents a most gorgeous appearance when in full bloom. It would be impossible to describe all the different colors, but some of the most striking are as follows: White, shaded carmine on the edges with deep maroon throat, golden yellow, shading brown on the edges; yellow shaded and mottled with carmine; white, with red blotches; shrimp pink, with deep maroon throat; shrimp pink, self-color; rose; bright yellow; orange, etc., etc. We certainly find a great many colors in your mixture that we never found in any other—some being impossible to describe." **Pkt. 5c.**



MAD. GUNTHER'S HYBRID, NASTURTIIUM.

NEW . . .

TOM THUMB NASTURTIIUM



TOM THUMB "CHAMELEON" NASTURTIIUM

"Chameleon."

469

A new departure in Nasturtiums, very unique and perfectly gorgeous in color. It is of dwarf habit, neat and compact, flowering is the greatest profusion all through the season. It differs from all others in the fact that it produces flowers of entirely different colors and markings upon the same plant, and the variegation is of the most marvelous character imaginable. Upon a single plant may be found flowers bordered, striped, blotched and splashed with various colors upon a ground of another color in a most eccentric and showy manner, some of them being most beautifully margined. The contrast between the different flowers is wonderfully rich and striking. A splendid variety for massing or for borders and in pots it presents an exceedingly bright and ornamental appearance. **Pkt. 10c; 3 for 25c.**

Dwarf Ever-blooming
Giant-Flowered

Sweet-Scented Snapdragons

470

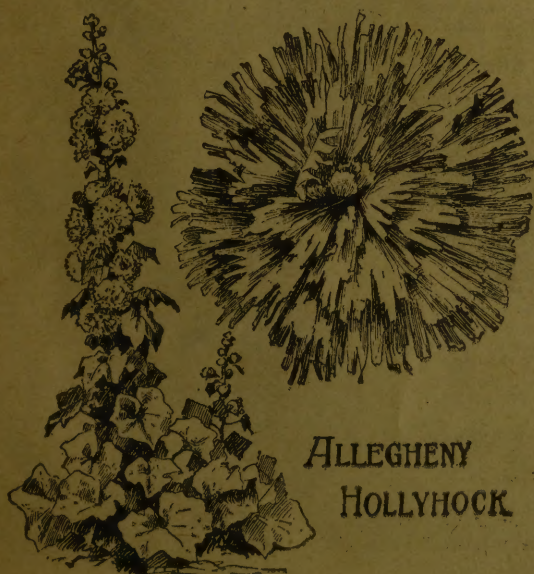
These Snapdragons mark one of the greatest advances in floriculture that has ever been made. They are of a wide range of color, from pure snow-white to deep garnet, with intermediate shades of scarlet, pink and blush—some being exquisitely striped and blended with two or more colors—and the colors in all cases are clear, strong and pure. The individual flowers are beautiful, unique and interesting in structure and are large in size, produced on well filled spikes, a foot in length, and are very lasting; either cut or upon the plant; rendering them of the greatest value for cutting. In fragrance they are sweet, slightly aromatic and pleasant—a perfume unlike that of any other flower; much more decided and lasting than Sweet Peas, and approaching Mignonette. Best of all they are of the easiest culture, and the plants begin blooming when only a few inches high, and continue in the greatest profusion throughout the entire summer and autumn, until the ground freezes at the approach of winter, when they can be lifted, potted and brought indoors for winter bloom—continuing to flower as they will until spring. The habit of the plant is correctly shown in the illustration: being dwarf and exceedingly free-flowering, and they are extremely rugged and hardy, enduring extremes of heat and cold, excessive rains and protracted drought with impunity. All colors mixed, **Pkt. 5c.**

471 New Allegheny Hollyhock

A perpetual bloomer, blooms the first year from seed. A grand innovation and a great improvement upon the old style of Double Hollyhocks. Its first point of merit is the fine transparent fringed Chrysanthemum-shaped flowers of rich and brilliant colors, which look as if they were made of crushed silk, so fine are they in texture. And in size, they seldom are less than five inches, (most of them are larger, some being as large as seven inches across). It is a true perpetual bloomer, flowering continually through the hottest weather from July until frost at the North, and all the year round at the South. The colors are clear and transparent, shining with rainbow effect. The great height of the column-like spikes adds majesty and beauty to it, and the tall pyramidal spikes, studded with immense, exquisite flowers from July, render it of untold value and loveliness. Perfectly hardy. **Pkt. 10c; 3 pkts. for 25c.**



SWEET SCENTED SNAPDRAGON

ALLEGHENY
HOLLYHOCK

Plants and Small Fruits packed carefully for mailing any distance.

New Sweet Peas 8 Little Cupids



TYPE OF CUPID SWEET PEA.

476 **BOREATTON**—Flowers of good size, fine bold form, and rich dark coloring. Standard quite broad and well spread, of smoothly rounded form, edges slightly reflexed or curving backward; self-colored in a rich wine-brown, with heavy veins of a still darker shade. It is of beautiful texture and smooth, glossy, satin surface. Wings lie rather closely to the semi-erect keel, spreading in the lower portion, with edges heavily rolled; deep mauve, underlaid and suffused with rosy purple. Keel heavily striped with rich purple. Plants always of true cupid growth, dense and spreading, with rich, deep green foliage. **Pkt. 15c.**

477 **COUNTESS OF RADNOR**—Of true cupid type, the plants hug the ground, verberna-like, completely covering a space sixteen by twenty-four inches in diameter, and never growing more than six to eight inches high. From this mat of deep-green foliage are thrown up hundreds of stems of dainty flowers of perfect form and largest size. The flowers are of immense size, larger than the tall Countess of Radnor, and are borne three and four on a stem. Standard very large, broadly expanded, and of a delicate lavender, suffused in the centre with soft rose. Wings unusually broad, widely spread, and not recurved; of a clear, light lavender shade throughout. A charming companion to the dark beauty of BOREATTON CUPID and contrasting splendidly with the intense brilliancy of FIRE-FLY CUPID. **Pkt. 15c.**

478 **"FIREFLY"**—Like the others, this is, of course, of true Cupid growth, dense and spreading. Flowers of pointed form when fully opened, and of a deep, glowing scarlet. Wings large and curling close to the keel, only moderately spreading, and of a deep, rich rose. The large flowers, borne in clusters of three, have the same dazzling scarlet effect as the tall Firefly, and appear even more brilliant in the striking contrast to the deep emerald green foliage. The plants are literally covered with bloom, and either in a bed in the open garden or as pot plants, are almost startling in gorgeous beauty. Every one who has seen the FIREFLY CUPID, in advance of its introduction, is wildly enthusiastic. It is really impossible in any description to give an adequate idea of the brilliancy and beauty of these little plants, so completely covered with intense brilliant bloom. **Pkt. 15c.**

479 **BURPEE'S BEAUTY**—While being always of the true Cupid type—growing only six to seven inches high with deep emerald green foliage—bears flowers fully equal in size, form and substance to the best of the new tall Sweet Peas. The handsome large flowers are borne most profusely all over the plant in clusters of three at the top of strong stems. Of unusual breadth rather pointed at the top, and edges recurved, giving it the deeply hooded effect of *Her Majesty*. The keel is heavily curved, holding the wings well up under the standard; wings quite broad and well expanded. The standard is a delicate and yet decided rose color, lightening to nearly white at the edges, and slightly striped with carmine at the base. The wings are suffused rosy-carmine, deepening at the edges. **Pkt. 5c.**

480 **ALICE ECKFORD**—From careful inspection of this new variety for the past two seasons, we consider it the most charming of the new cupids, or dwarf race of Sweet Peas, surpassing all other varieties in the delicately beautiful coloring of flowers. The blooms are borne in close clusters of three on stiff stems, displaying most attractively the charming, blended coloring. The standards are a rich, creamy-white, suffused or blended with a delicate shading of soft flesh-pink; the wings are silvery-white with a faint pink flush in the central portion. The coloring of the entire flower becomes rather deeper, instead of fading, when well opened. The flower is identical, in size, form and color, with that of the tall *Alice Eckford*, which, while not of the largest size, has been admired so greatly on account of the delicate and harmonious shadings of softly blended tints. Three years ago, when introducing the tall *Alice Eckford*, Mr. HENRY ECKFORD said: "A refined, beautiful flower: The most chaste variety ever offered." These remarks are even more applicable to the new *Alice Eckford Cupid*, because of its peculiar deep emerald-green foliage, forming so appropriate background for the mass of bloom. **Pkt. 5c.**

481 **PRIMROSE**—Like all the other Cupids, this is very free-flowering, and the dwarf plants, only six to seven inches high, have that distinct emerald-green foliage which is peculiar to this new race. This is identical with the original white Cupid in all respects except coloring. The flowers are of a rich creamy tint, identical with that of the tall *Primrose*. The standard is rather short, but stiffly erect, very broad and well expanded; wings wide and well expanded. The seed we offer is all hand-picked and therefore, although white-seeded, will grow nearly as vigorously as the hardier black-seeded varieties. **Pkt. 5c.**

482 **PINK CUPID**—This is not a sport from the original White Cupid, but an actual departure from its parent, the tall *Blanche Ferry*. In habit it is strictly a Cupid, spreading from the root, from a foot to 18 inches around, growing from 6 to 8 inches high, and shooting up stems about six inches long, which bear, in full bloom at once, from three to four handsome blossoms, all borne close to the end of the stem. The standard of the flower is wide, not infrequently measuring an inch and a half. It usually curves over a trifle from the top partly concave, which gives the standard a distinct shell-shaped appearance. The standard is a bright rose-pink, while the wings are pure white or light pink. Though flowering early, it continues in bloom very late, bearing a profusion of blossoms so thickly as to completely hide the plant. **Pkt. 5c.**

483 **WHITE CUPID**—Flowers are pure white, height six inches, habit spreading, too well known to need much description. The flowers are not so liable to fall as when first introduced; excellent for bedding, a very charming companion for the Pink Cupid, and might be used in conjunction with very excellent results. **Pkt. 5c.**

SPECIAL OFFER.—1 Pkt. each of the 8 Little Cupids for 50c.

484 **Burpee's Bush Sweet Pea**—The First of an entirely New and Distinct Race.—Burpee's Bush Sweet Pea grows in perfect bush form. It requires no trellis like the tall Sweet Peas: neither does it hug the ground, Verberna-like, as does the Cupid race. An average bush grows sixteen to eighteen inches high, by from twelve to fourteen inches wide. One of the largest plants measured was seventeen inches high, and branched so vigorously that it measured twenty-four inches across! All the flowers are borne on top of the plant, and the proper way to treat this new type will be to plant the seed in a row, to make a neat, even hedge, when no supports whatever will be required. Grown as separate, individual plants, the slight support of a light stick should be furnished,—just such as would be required for a dwarf, bushy *Marguerite* carnation. We predict that this "forerunner of a new race" will beget increased enthusiasm in Sweet Peas—America's favorite flower. The flowers, both in form and coloring, are a perfect reproduction of the famous *Gray Friar* introduced by us several years ago. As is well known, this is one of the most beautiful varieties in the entire list of Sweet Peas. Of good size and perfect hooded form, they are of a most beautiful watered purple on white ground, the heavier coloring being on the back of standard. Black-seeded; hardy and vigorous in constitution. The seed we offer is all hand-picked and every seed should grow. With perhaps the single exception of Cupids, no novelty since the introduction in 1890 of *Burpee's Bush Lima* has such intrinsic merit, or is calculated to create so profound a sensation in the Horticultural World, as BURPEE'S BUSH SWEET PEA. **Pkt. 25c.**

485 **NEW SWEET PEA, "NAVY BLUE."**—The Only Sweet Pea that is a True Blue color—An entirely distinct color (not tint) from any existing variety of Sweet Pea. General color-effect dark blue; standards brilliant royal purple; wings pure violet; the whole flower elegantly veined in sharp relief. A most vigorous grower. Blooms of approved form, generous size, parchment-like texture and remarkable substance. Stems usually bear three flowers, occasionally four. When they begin to fade, they assume an antique silver-gray cast but maintain a stately mien up to the moment the petals fall. A valuable color innovation. "Navy Blue" is an entirely new color of unique value. The color effect is true blue. Of all the one hundred and forty-five varieties of Sweet Peas there is no other that approaches this color. **Pkt. 15c.**

For other Sweet Peas, see page 23.





RARE, USEFUL AND ORNAMENTAL.

457 **HERCULES CLUB**—Enormous, long club-shaped fruit, curious and at the same time exceedingly useful to use in storing various articles, as the fruit is hard shelled and lasts for years in perfect condition. **Pkt. 5c.**

458 **NEW JAPANESE CLIMBING**—This beautiful climber, with its handsome cut-leaved foliage, is one of the most remarkable and novel climbers of rapid growth. Of easy culture, bearing most profusely odd and attractive fruit about the size of the cherry, light green in color, striped with white. Try it. **Pkt. 5c.**

459 **DIPPER**—Another useful gourd that, as its fruit is light and strong and does not rust, rot or heat easily, is just right to use in dipping hot liquids, soap, etc., besides being useful for bird's nests, fancy hanging baskets, etc. They hold from a pint to a quart and a half each. **Pkt. 5c.**

460 **NEW SERPENT**—A beautiful climbing variety of easy culture, heavy foliage and serving as the best shade. None better for climbing purposes. **Pkt. 5c.**

461 **TRUE NEST EGG**—Resembling in color, shape and size the eggs of hens. Do not crack will last for years and make the best of nest eggs. Rapid grower and good climber, extremely ornamental and useful for covering screens, etc. Boys can make lots of money growing this gourd and selling them to the neighbors for nest eggs. Try this interesting and useful variety. **Pkt. 5c.**

45 **WILD CUCUMBER VINE**—The quickest climber for arbors, trellis, fences, etc., known. Makes the most mosaic covering portance, hardly affected by warm or cold, hot or dry weather, and is never infested with insects. Profuse in bloom. It will sow itself and come up every year in the same place. Sure to please you. **Pkt. 5c.**

466 **THE NAPOLEON CLIMBER**—The greatest novelty among climbers. Most certainly will this greatest of all members of the Cinnamon Vine family reach a summit of popularity that will overshadow its rivals. This charming climber has a history that is really interesting. When Napoleon Bonaparte was in the height of his reign, all nations bowed to his conquering power. Many sent him costly presents and souvenirs almost without end. Among the latter a province of China sent a bulb of this valuable climber, which was highly cherished by Napoleon, and the original may be seen growing at Versailles by all who may chance to visit the favorite residence of the great French Emperor.

The plants are very nice for sill ornaments, or any out-door purpose, where a climbing vine can be used to good advantage. They are perfectly hardy, the stem dying down every autumn but will grow again early in the spring, and so rapidly as to completely cover any trellis or arbor very early in the season. The vines often run 25 feet or more, and when trained over and above a door or window make an ornament much admired, while its many clusters of delicate white flowers send out an amount of fragrance that is truly wonderful, and the aroma to a great degree resembles cinnamon, which, to say the least, is very pleasing. The cordate foliage is exceedingly pretty being of a glossy green hue. The Napoleon Climber, though easily grown, will fully award any extra attention given it. Soils should be very light and rich, and the plant mulched thoroughly every fall. Trim roots, that will bloom this year, grown from stock secured from "original" at Versailles. **10c each; 3 for 25c.**



Phrynium Variegatum.

An elegant pot plant, which is very faithfully depicted in the accompanying cut though it conveys no idea of the exquisite variegation of the leaves. Its manner of growth is much like that of a Canna, the leaves borne on erect foot-stalks about a foot high, with spreading blades of oblong-lanceolate form, 6 to 9 inches long and 2 to 4 inches broad. They are bright pale green, beautifully variegated with white and gold, the variegation being extremely diversified. In some leaves the whole area is white, in others only one half, in others again it is confined to the interspaces between two or three of the nerves, while in others it is reduced to a few stripes. It is very free growing and



PHRYNIUM VARIEGATUM.

ne of the most ornamental plants imaginable. **Nice Bulbs, 15c. each; doz. \$1.50.**

We handle everything for the Apiary, and our prices are right.

Some of Last Year's Novelties of Special Merit.

"GOLDEN WEST" . . .

472

Eschscholtzias

The flowers of these new giants measure from four to six inches in diameter. They are beautifully and variously formed: some are flat and wide, some saucer-shaped, others very deep with flaring wavy edges. These magnificent flowers of immense size and lovely forms, call forth the most enthusiastic admiration from beholders: the colors are intense and shining yellows. In some an orange blotch almost suffuses the whole flower, in others it runs into the yellow in fine pencilled lines, others again have an orange centre with a margin of clear yellow. **Pkt 10c.**

Golden Gate Poppies

473

Recall to mind every color you have seen in Poppies, then imagine every conceivable combination of colors—striped, blotched, edged and bordered on both single, semi-double and double flowers, and you will have but a faint idea of the wondrously varied beauty of the new Golden Gate Poppies. No sight calls forth more expressions of wonder than a large block of these Poppies, with thousands of open flowers, of which seemingly there are no two alike. **Pkt. 5c.**



THE GOLDEN WEST.

seemingly there are no two alike. **Pkt. 5c.**

GLOBE OF GOLD

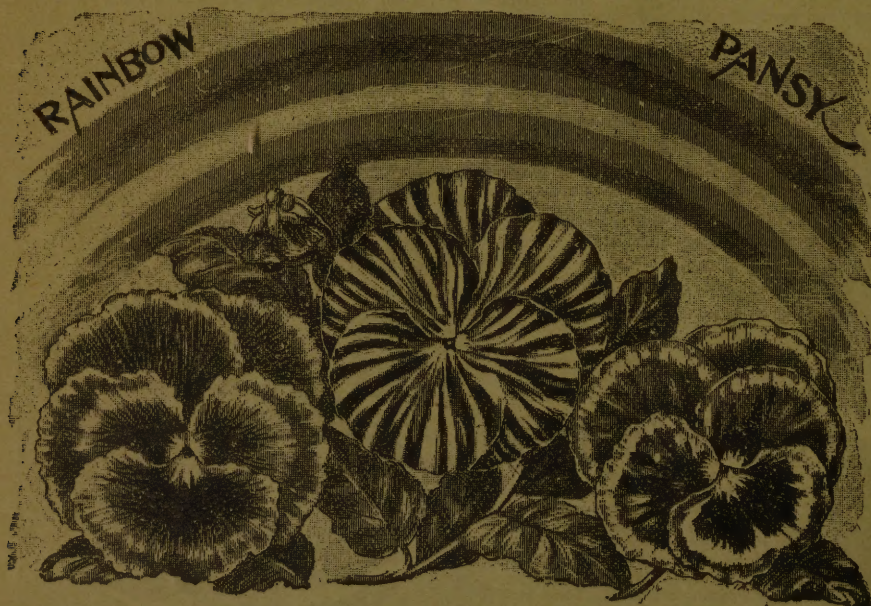
474

SUNFLOWER

A new double Sunflower from France; unlike all others, but few believing that a Sunflower could be so beautiful. They form erect, well branched plants, not exceeding 40 inches in height. Each of the numerous branches produce a large, densely double, globe shaped flower of deep, rich golden yellow color. The flowers are also produced from the base of each leaf from the main stalk, forming one perfect pyramid of gold. Many of the flowers measure from 4 to 8 inches across, each one bordered or surrounded by a fringe of single petals, forming a unique contrast to the large double yellow centres. In addition to being ornamental, they will produce a good crop of seed, which is excellent for feeding to poultry, keeping them in fine condition during winter. **Pkt. 10c.**



GLOBE OF GOLD SUNFLOWER.



NEW RAINBOW PANSIES.

475

The best novelty in Pansies for 1900 and certainly the most charming variety ever sent out. We have given it the name New Rainbow and consider it very appropriate owing to its beautiful iridescent colors. Our illustration shows three of the leading types of this mixture by which you will see the various styles of variegation, but no illustration can do justice to its superior beauty. There is almost an endless variety of colors, comprising all shades of blue, purple, crimson, brown, white, yellow, pink, red and black, all beautifully marked, striped veined, blotched and margined. The colors are much more beautiful than any painter could depict. In a good sized bed you could readily find 100 different varieties, but not one poor or inferior one. The flowers are of large size and perfect form, nearly circular, and most of them have a very rich velvety appearance. They will both astonish and delight "pansy fanciers." **Pkt. 25c.**

We have everything for the Farm, Garden, Dairy, Bees, Stock and Poultry. Ask us.

DARCH & HUNTER'S

FLOWER SEEDS

1900



THE ordinary grades of flower seeds can be and are sold at a very low price; they are grown and harvested in large crops, much like grain. They are produced cheaply, sold cheaply, and are, in fact, cheap in every sense of the word; and he who sows them has no right to complain at their poor quality. They cannot possibly be anything else. Seed of high quality can be produced only by thorough, careful, painstaking and expensive methods. We do not offer our customers the ordinary commercial grades of seed. Our stocks are special strains of special varieties bred up to the highest mark of perfection and selected with great care, and for this reason we grow and offer but a limited number of varieties—only those which are of the greatest merit and sure to give satisfaction everywhere. The very best varieties bred up to an unequal mark of perfection, has made our seeds known the world over as the finest to be had.

Our Flower Seeds ARE ALL FRESH, and we know they are unsurpassed.

Quality is always the first consideration. Our mixtures are made up by ourselves, from named varieties, and will be found to yield a better variety than is commonly found.

Our Prices. There are but few who care for more than one good-sized bed of any sort; therefore we have filled our packets with a sufficient amount and made prices as low as possible, and we are certain customers will be well pleased with the quantity they contain.

Failures. Nine-tenths of the failures in flower culture come from improper treatment of the seeds and young plants, and we urge every purchaser of our seeds to study carefully the cultural directions printed on each package, and keep in mind the following golden rules for sowing flower seeds: Make the surface as fine and smooth as possible. Do not plant any of the seeds when the ground is at all wet. Cover each lot of seeds to a uniform depth, which should never be more than three or four times the diameter of the seeds. Press the soil firmly over the seeds. Plant in rows, so that the young plants can be easily seen, and pull up all weeds which spring up between the rows the day they appear, but do not pull plants out of the row until you are sure they are weeds.

Abbreviations. H. A., Hardy Annual, flowering the first year. H. H. A., Half-Hardy Annual, flowering the first year. P. Perennial, or those that do not flower until the second year. H. P. Hardy Perennial, remain in the ground from year to year, flowering the second year. H. H. P., Half-Hardy Perennial. B., Biennial, or those that live and generally bloom two years. Tra., Trailing plants. Ht., Height. Pkt., Packet.

--- ALL FLOWER SEEDS SENT POST-PAID AT PRICES QUOTED ---

ABUTILON.

Beautiful plants for greenhouse and window culture, blooming almost continually. Flowers bell-shaped. H. H. P.

1 Fine Mixed.....Pkt. 5c.

ABRONIA.

Charming trailing plants, flowering like a Verbena. Very fragrant, suitable for beds, rockwork or baskets. H. H. A.

2 Fine Mixed.....Pkt. 5c.

ACROCLINIUM.

A free growing everlasting, with very delicate colored flowers with golden yellow centres. One of the best of all everlastings. H. H. A. 1 ft.

3 Fine Mixed...Pkt. 5c

ADLUMIA CIRRHOSA

(Mountain Fringe) This is a hardy climbing plant, native of the Allegheny Mountains, very attractive and picturesque, dainty feathery, pale green foliage, flowers delicate rose pink and white; 15 ft.

4 Adlumia Cirrhosa, H. B.....Pkt. 5c.



AMARANTHUS.

ADONIS.

(Flos Adonis)—Very ornamental for borders. The flowers are very brilliant and foliage delicate. H. A. ½ to 1 ft.

5 Fine Mixed.....Pkt. 5c.

AGROSTIS.

(Ornamental Grass) Used in connection with everlastings, for winter bouquets. Grows easily in any common garden soil. H. A. About 1 ½ feet high.

6 Fine Mixed.....Pkt. 5c.

AGROSTEMMA.

The plant is branching, rather dwarf, and pretty for edgings. Sometimes called "Mullein Pink." Flowers the first season from seed sown in spring, and can be increased by dividing the larger roots. In bloom during June and July. 1 to 2 feet. H. P.

7 Fine Mixed.....Pkt. 5c.

ALYSSUM.

A desirable hardy annual, flowering from early spring until killed by frost, and all winter in the house, if sown in Aug. Most effective in masses of plants one foot apart.

8 Sweet—Has pretty little white flowers, useful for making up in all kinds of small bouquets. Fragrance very delicate. Makes pretty border, and one of the best for basket or pot. H. A.....Pkt. 5c.

9 Little Gem—The plants are very dwarf and remarkably uniform in growth; grows only 3 or 4 inches high, and each plant spreads so as to completely cover a circular space 12 to 20 inches in diameter. The plants begin to flower while quite young and soon become one mass of white, remaining in full bloom from spring to fall. Deliciously fragrant. More than 400 clusters of flowers in bloom have been counted on one single plant H. A.....Pkt. 5c.



ABRONIA.



ACROCLINIUM.



AGERATUM.

It will be our endeavor to please.



ASTER—PÆONY-FLOWERED.



ASTER—COMET.



BALSAM—PEARCE'S SUPERB



CALENDULA.

SUPERB...

ASTERS

These beautiful and popular annuals are unrivalled for richness of display and profusion of flowers. They are very desirable for beds, being in bloom when most other plants are nearly over, and are very useful for cut flowers and bouquets. Start seed early indoors, or sow later in open ground. H. H. A.

- 10 **Queen of the Market, mixed**—A class of Asters characterized by extreme earliness and the profusion of their flowers. Plants average one foot in height, are much branched, and carry ten to fifteen large flowers. Pkt. 10c.
- 11 **Comet, mixed**—Flowers composed of twisted petals, resembling Japanese Chrysanthemums. Pkt. 10c.
- 12 **Snowball**—A single plant develops as many as thirty pure white flowers. Pkt. 10c.
- 13 **White Plume**—Plants 12 to 15 inches high; flowers from 3 to 4 inches in diameter. Pkt. 10c.
- 14 **Truffaut's Pæony-flowered, Perf., mixed**—Large blossoms; rich colors. Thirty-two shades and colors, mixed. Pkt. 10c.
- 15 **Large-flowered Dwf. Queen, mixed**—Extremely double flowers. Height 1 ft. Pkt. 10c.
- 16 **White Branching**—Flowers of extraordinary size, four inches and more in diameter. Pkt. 10c.
- 17 **Quilled German, mixed**—Favorite, many colors. 1½ ft. Pkt. 5c.
- 18 **New Rose, large-flowered, mixed**—Robust, of great substance. 2 ft. Pkt. 10c.
- 19 **Boltze's Dwarf Bouquet, mixed**—For small beds or pots; compact in habit. ¾ ft. Pkt. 10c.
- 20 **Dwarf Chrysanthemum - flowered, mixed**—A splendid bedder, all shades. 1 ft. Pkt. 10c.
- 21 **White Varieties, choicest mixed**—This mixture cannot be surpassed. Height, ½ to 2 feet. Pkt. 5c.
- 22 **All Varieties, mixed**—All of the above and many more. Height, ½ to 2 ft. Pkt. 5c.

AGERATUM.

A valuable plant on account of the time it remains in bloom. It blooms constantly all summer in the garden. Desirable for cut flowers for bouquets. H. A.

- 23 **Little Dorritt**—Flowers pure white; height, 9 inches. Pkt. 5c.
- 24 **Dwarf Blue**—Fine color, dwarf habit; height, 9 inches. Pkt. 5c.
- 25 **Fine Mixed**—A great variety of colors. Ht., ¾ to 1½ ft. Pkt. 5c.

ALONSOA.

(Mask Flower) Handsome, brilliant colored, free flowering bedding plants, blooming until frost-killed; thrive in any good soil; good house plant. H. H. A.

- 26 **Fine Mixed**.....Pkt. 5c.

AMARANTHUS.

A class of highly ornamental plants, many of which are grown exclusively for their handsome foliage, while others for their beautiful clusters of brilliant colored flowers. H. H. A.

- 27 **Salicifolius**—Graceful drooping leaves of bright orange-red color. Splendid show. Pkt. 5c.
- 28 **Fine Mixed**—A great variety. Height, 1 to 3 ft. Pkt. 5c.

AMMOBIUM.

- 29 **Alatum Grandiflorum**—Very hardy, everlasting, with pretty double white flowers. Useful for bouquets. Pkt. 5c.

AMPELOPSIS.

"Boston Ivy," or Japanese Ivy, is a most beautiful climber, clinging very firmly to the side of a house or wall. H. P.

- 30 **Veitchii**.....Pkt. 5c.

ANAGALLIS.

Well adapted for rock or border plants. They will cover the ground all summer with a profusion of bright, rich colored flowers. H. H. A. 6 in.

- 31 **Grandiflora, mixed**.....Pkt. 5c.

ANTIRRHINUM.

(Snapdragon)—Bears very beautiful spikes of gray-colored flowers. They survive the winter and flower even better the second than the first season. They are quite easily propagated by cuttings, and, if rooted in the fall, they make elegant pot plants for early spring bloom. H. H. P.

- 32 **Tall, mixed, 2 to 3 ft.**.....Pkt. 5c.
- 33 **Dwarf, mixed, 1 ft.**.....Pkt. 5c.

AQUILEGIA.

The Aquilegas, better known as Columbines, have always been favorite flowers. The plant becomes larger and stronger and the flowers more beautiful each year. H. P. 1 to 3 ft.

- 34 **Double Flowered, mixed**.....Pkt. 5c.

AURICULA.

A dwarf growing plant, bearing umbels of fragrant flowers of many rich and beautiful colors. A great favorite in Britain, where flower shows are held of this plant alone. H. P. ½ ft.

- 35 **Choice mixed**.....Pkt. 5c.

BALSAMS.

Magnificent plants for garden culture, producing gorgeous masses of brilliant-colored flowers, from white to crimson, scarlet, rose and purple, spotted and striped. Our Balsam seed is of a superior strain, saved from the most perfect flowers. H. H. A. 1½ to 2 ft.

- 36 **Pearce's Famous**—This is the most magnificent strain of double balsams ever introduced. The flowers are wonderfully large in size and perfect in shape. Pkt. 10c.
- 37 **Pearce's Superb, double mixed**—The finest strain grown. Pkt. 10c.
- 38 **Camellia - flowered, double mixed**—Richly varied colors, blotched and marked. Pkt. 10c.
- 39 **Dwarf, double mixed**—Twelve beautiful colors, mixed. Pkt. 5c.
- 40 **Fine, Double mixed**—A good collection of colors for pots or borders. Pkt. 5c.

Bachelor's Button.

(*Centaurea Cyanus*)—Also known as "Ragged Sailor," "Corn Flower" and "Blue Bottle." It is a great beauty, the national flower of Germany, and a great favorite in the old country. Unique little plant, forming a dense mass of foliage, over which are borne many lovely blue blossoms, beautifully fringed and serrated. Pkt. 5c.

BARTONIA.

One of the most showy of our hardy annuals. Commence flower early and bloom continuously through the summer. The large, saucer-shaped flowers, 2½ inches across, are of a bright metallic yellow, and intensely brilliant.

- 42 **Aurea**—H. A. 1 foot. Pkt. 5c.

BETA.

Most effective bedding plant, producing large leaves of beautiful color. Frost does not kill them; only coloring the more prettily, which, until covered with snow, are objects of great beauty. Be sure to try this wonderful bedding plant this season. Pkt. 5c.



BETA.

BRACHYCOME.

Sometimes called "Swan River Daisy." It is a dwarf, bushy plant, covered all summer with a profusion of beautiful daisy-like blossoms. H. A. 8 inches.

- 44 **Mixed Colors**—Very effective. Pkt. 5c.

BRIZA MAXIMA (Quaking Grass)

Large racemes of beautiful rattles; very ornamental; fine for mixing with everlasting flowers for winter bouquets. Pkt. 5c.

CALCEOLARIA.

These belong to the showiest of the greenhouse plants. Their magnificently-marked, pocket-shaped flowers, produced in great abundance, make them highly decorative. T. P.

- 40 **James' Giant Strain**—The largest grown. Pkt. 25c.

CALENDULA.

The Calendula is the fine old and well-known Marigold family, which everyone knows but may not recognize by this name. The name was given because some of the species were supposed to be in flower every month in the calendar.

- 47 **Prince of Orange**—This new variety surpasses in beauty the well-known Meteor. The stripes are of deeper orange, and make a brilliant appearance. Pkt. 5c.
- 48 **Fine Mixed**—A great many beautiful varieties. Pkt. 5c.

CANARY BIRD FLOWER.

One of the most beautiful of climbers, with delicate foliage and curious bright-yellow flowers, resembling the canary-bird in shape and color. Pkt. 15c.

We have put the prices of Pkts. at 5c each wherever possible.

CALLIOPSIS.

Many of our most showy flowers are slighted because they are common and grow anywhere without trouble or care, almost like weeds. One of these is the Calliopsis. Were it a new thing just introduced, it would be considered a novelty of rare excellence.

- 50 **Lanceolata**—Large flowers of bright golden yellow; unequalled for cutting; grows anywhere. H. P. 2 to 3 ft. Pkt. 5c.
51 **Mixed Colors**—Produces flowers of nearly every shade of yellow, orange, crimson, red and brown. Pkt. 5c.

CANDYTUFT

Everybody knows what Candy tuft is, how easily it is grown, and how indispensable it is in the flower garden either for cutting or display for weeks without interruption. H. A. 1 ft.

- 52 **Empress**—The finest pure white variety in cultivation. It is a strong free grower, and produces several trusses of flowers 5 to 8 in. in length and 2 to 3 in. in diameter. Pkt. 5c
53 **White Rocket**—Pure white; long flower spikes. Pkt. 5c
54 **Sweet Scented**—White. Pkt. 5c
55 **Crimson**—Very rich shade. Pkt. 5c
56 **Fine Mixed**. Pkt. 5c

CANNA

Fine foliage plants of a highly decorative character; their handsome leaves combined with their varied and richly colored flowers have an extremely fine effect. They are easily raised from seed, which should be soaked in hot water several hours.

- 57 **Crozy's New Hybrids**—(*Indian Shot*) New and beautiful varieties. H. H. A. 3 ft. Pkt. 10c
58 **Choice Mixed**—Comprises all the best varieties. Ht. 3 to 5 ft. Pkt. 10c

CANTERBURY BELLS

Ornamental garden plants, of easy culture, growing about 2½ feet high, bearing large bell-shaped flowers of many beautiful shades. H. B.

- 59 **Choicest Mixed**—Single and double. Pkt. 5c

CARNATIONS

Carnations are general favorites for their delicious fragrance and diversity of color. With the exception of Marguerites, they will very seldom bloom the first season, but with a little protection stand the winter well and flower profusely the following May and June.

- 60 **Fine Double Mixed**—Established favorites. For cut flowers. H. H. P. Ht. 1½ ft. Pkt. 10c
61 **Choicest Double Mixed**—This collection comprises richly scented, beautifully marked varieties. For cut flowers. Ht. 1½ ft. Pkt. 25c
62 **Marguerite Mixed**—Can be had in bloom 4 months after seed is sown. For cut flowers. Pkt. 10c

CENTAUREA



CENTAUREA.

One of the most attractive of all hardy annuals, the graceful beauty of its old-fashioned flowers being universally admired. One of the earliest grown, and flowers freely and continuously; height, 2 to 3 ft. Flowers excellent for cutting.

- 63 **Cyanus, mixed**—Including dark and light blue, purple, pink, rose, white, etc. H. A. 2 to 3 ft. Pkt. 5c
64 **Emperor William**—The flowers are of a rich deep-blue color, showy and beautiful. H. A. 2 to 3 ft. Pkt. 5c
65 **Candidissima**—(*Dusty Miller*) Beautiful silvery-white foliage plant. H. P. Ht. 2 ft. Pkt. 10c

CHRYSANTHEMUM

One of the prettiest annuals grown. The colors have the appearance of being laid on with a brush, and for this reason they are frequently called "painted daisies," and are indeed very charming. Sow seed early in open ground, and they will bloom profusely all summer.

- 66 **Fine Mixed**—Certain to produce splendid flowers. 2 ft. Pkt. 5c
67 **Finest Show Varieties**—The Chrysanthemum of the exhibitions. H. P.; for pot or borders; ht. 3 ft. Pkt. 10c
68 **Finest Pompon Variety**—Remarkable for its neat flowers, perfectly formed. Ht. 2 ft. Pkt. 10c
69 **Finest Japanese Variety**—A novel section, with large blossoms diffusely formed, handsome; ht. 3 ft. Pkt. 10c

CINERARIA

Magnificent flowering plants for greenhouse or conservatory. Bears large clusters of flowers in shades of white, violet, blue and crimson. Sow seed in summer in boxes, and transplant to pots for next spring blooming.

- 70 **James' Giant Prize, mixed**. Pkt. 25c

COLEUS

One of the most popular foliage plants. It is very decorative in the flower border, and easily grown from seed, which frequently produces new and distinct varieties. H. H. P.

- 71 **Splendid Mixed**. Pkt. 25c

COLLINSIA

Very pretty free-flowering plants, blooming in whorls and several whorls around each flower stem; mixed, of all varieties and colors. H. A. 1½ ft.

- 72 **Fine Mixed Colors**. Pkt. 5c

CLEMATIS

Rapid growing, free-flowering climbers, admirably adapted for covering verandas, trellises, etc.; seed require considerable time to germinate. H. P.

- 73 **Fine Mixed**, a great variety. Pkt. 10c

CLIANTHUS

(*Glory Pea of Australia*)—Magnificent plants, which can be successfully grown when sown in open ground in May, in a dry, sunny position.

- 74 **Dampieri**—A magnificent shrub, flowers in clusters, drooping, pea-shaped, 4 ins. in length, of a brilliant scarlet, with intense black spots in centre of flower. Pkt. 10c

COBÆA

A climber of rapid growth, flowering the first season if sown early in the house or hotbed. In sowing, place seeds edgewise and merely cover with light soil.

- 75 **Scandens**—Large, bell-shaped purple flowers. Pkt. 10c

COCKSCOMB

Magnificent free-flowering, graceful-growing plants, producing, in the greatest profusion, their beautiful flowers in combs and feathery spikes. Grown in pots they are one of the most elegant plants for conservatory decoration. Annual.

- 76 **Carter's Empress**—Most superb strain in cultivation. 1½ ft. Pkt. 10c
77 **Glasgow Prize**—Immense crimson combs, very fine. Ht. 1½ ft. Pkt. 10c
78 **Dwarf, mixed**—A variety of colors, very handsome. Ht. 1 ft. Pkt. 5c

CONVOLVULUS MAJOR

(*Morning Glory*)—One of the most free-flowering and rapid-growing plants in cultivation, thriving in almost any situation. The beauty and delicacy of their brilliant flowers are unsurpassed. H. A. 15 ft.

- 79 **Morning Glory, mixed**—All colors. Oz. 15c; Pkt. 5c

CONVOLVULUS MINOR

(*Dwarf Morning Glory*)—Rich-colored, handsome, dwarf, trailing plants, producing in beds and mixed borders an unusually brilliant effect. H. A. 1 ft.

- 80 **Tricolor, mixed**. Pkt. 5c
81 **Mauritanicus**—A beautiful trailing plant for hanging baskets; blue flowers. Pkt. 5c

COWSLIP

The well known English Cowslip, flowering early in spring.

- 82 **English Mixed, fine colors**. Pkt. 5c

CYCLAMEN

Charming bulbous-rooted plants, with beautiful foliage, and rich-colored, orchid-like, fragrant flowers; universal favorites for winter and spring blooming; they require sandy loam. 6 in. H. H. P.

- 83 **Persicum Giganteum**—Flowers of great substance and extraordinary size; foliage beautifully marked. Pkt. 15c

CYPRESS VINE

One of the most beautiful climbers, with light, graceful, delicate foliage and bright flowers. The seeds should be soaked in warm water before sowing.

- 84 **Ipomœa Quamoclit**—H. H. A. 15 ft. Pkt. 5c

DAHLIA

The Dahlia is well known, but few are aware that if the seed is sown early in the spring they will bloom the first year. The seed which we have to offer is of the finest strain, and produces magnificent, very double flowers of large size and richest shades.

- 85 **Finest Double, mixed**—Every variety of color. T. P. 4 ft. Pkt. 10c
86 **Single, mixed**—All colors; grand border flowers. 4 ft. Pkt. 10c

DATURA

(*Trumpet Flower*)—Strong-growing annuals, very ornamental, with very large, showy flowers which open in the evening, fine for beds or borders.

- 87 **Fine Mixed**—Large trumpet-shaped flowers of many colors. Ht., 2 to 5 ft. Pkt. 5c

DIGITALIS

(*Foxglove*)—When well grown this is quite a stately plant, with flower stems 3 ft. in height. The flowers are thimble-shaped and very prettily spotted. H. P.

- 88 **Monstrosa, mixed**—Long spikes of many enormous flowers. Pkt. 5c

DOUBLE DAISY

(*Bellis Perennis*)—As an edging for shady borders and as pot plants, these handsome, hardy perennials are unsurpassed. The strains we offer are remarkable for the size and doubleness of their flowers, and much superior to those generally offered. P. ½ ft.

- 89 **Longfellow**—Large double pink flowers. Pkt. 10c
90 **Snowball**—Large and very double pure-white daisy; excellent for cutting. Pkt. 10c
91 **Mixed**. Pkt. 5c



CANDYTUFT.



COCKSCOMB.



Convolvulus Mauritanicus.



CARNATION.



CANTERBURY BELL.



IPOMOEA.



DIANTHUS (PINKS).



GLOBE AMARANTHUS.



COURDS.



GODETIA



ICE PLANT.

DIANTHUS (Pinks.)

This genus of plants is one of the most brilliant of our garden flowers, and gives universal satisfaction. Very fragrant and desirable for bouquets.

- 92 **Plumaris** (*Pheasant's Eye, June or Grass Pink*)—Beautiful and fragrant. H. B. Ht. ½ ft. Pkt. 5c.
 93 **Chinensis, fl. pl., mixed** (*Double Indian Pink*)—A great assortment. Ht., 1 ft. Pkt. 5c.
 94 **Hedewiggi, fl. pl., mixed** (*Double Japan Pink*)—The grandest of Japan Pinks. Ht., 1 ft. Pkt. 5c.
 95 **Diadematus, fl. pl., mixed** (*Double Diadem Pink*)—Large, full blossoms, beautifully edged and marked. Ht., 1 ft. Pkt. 15c.
 96 **Imperialis, fl. pl., mixed** (*Double Imperial Pink*)—Indian Pink of the older kind. Ht., 1 ft. Pkt. 15c.
 97 **Choicest Mixed**—All of the above and many others. Ht., 1 ft. Pkt. 5c.

Everlasting Pea.

No praise can be too high for this lovely ironclad vine that blooms constantly from early summer until late autumn, minding neither heat or cold, rain or drouth. Easily grown, perfectly hardy, and so beautiful that we have never yet seen a person who did not admire their cheerful flowers and clear green foliage. While lacking the delicious fragrance of the sweet peas, they are equally as beautiful. They live year after year, bearing magnificent clusters of flowers. Perfectly hardy, and grow 8 to 10 ft. high.

- 98 **Lathyrus Latifolius, Mixed**.....Pkt. 5c.

ESCHSCHOLTZIA.

(*California Poppies*)—Showy summer flower plants; large saucer-shaped flowers of striking brilliancy in the sunlight. They flower profusely throughout the season.

- 99 **Fine Mixed**—Compact and bright colors. Ht., 1 ft. Pkt. 5c.

EUPHORBIA.

(*Snow on the Mountain*)—A large, robust-growing, hardy annual, with very ornamental green foliage, striped with white.

- 100 **Variegata**.....Pkt. 5c.

FORGET-ME-NOT.

- 101 (*Myosotis*)—Popular and charming little plants, bearing delicate blue flowers, which are highly prized for their modest beauty.....Pkt. 5c.

FOUNTAIN PLANT.

This handsome pyramidal or fountain-shaped plant is a variety of *Amaranthus* which deserves a place in every garden. It is easily grown by starting the seeds early in the house, or sowing them in the open ground in May. It droops most gracefully, and the leaves are brilliantly banded and tipped with orange, carmine, purple, crimson and gold, forming bright-colored plumes.

- 102 **Amaranthus Salicifolius**—Ht., 3 to 5 ft. Pkt. 5c.

FUCHSIA.

A well-known plant, of easy culture, desirable for the house or shady situation in the garden. T. P.

- 103 **Mixed, Double and Single**.....Pkt. 15c.

GAILLARDIA.

Splendid bedding plant, remarkable for the profusion, size and brilliancy of their flowers, continuing in beauty during the summer and autumn. H. H. A. 1½ ft.

- 104 **Grandflora Mixed**—A collection of best var. Pkt. 5c.

GERANIUMS.

These favorite plants are easily raised from seed, which will frequently reward the cultivator with charming new varieties. Plants from seed started early in the house will bloom the first summer in the garden. Seed is saved from the best varieties, mixed. Try it.

- 105 **Mixed**.....Pkt. 10c.

Globe Amaranthus.

The "*Amaranth*" of the poets. They are annuals, forming bushy plants about 2 ft. high, and bearing sometimes several hundred flowers of purple, white, striped, etc. Very ornamental as summer-blooming plants, and for everlastings indispensable.

- 106 **Mixed Colors**.....Pkt. 5c.

GODETIA

Handsome and showy annuals about 1 ft. high, of dwarf, compact growth, bearing freely large flowers 3 to 4 in. across, of exquisite colors and shades that glisten in sunlight like satin.

- 107 **Choicest Mixed**—Compact habit; contains many kinds.....Pkt. 5c.

GOURDS.

Useful to cover fences, arbors, old trees or stumps; greatly admired for their curiously shaped and colored fruit.

- 108 **Sugar Trough**—Half hardy annual climber, shaped like a trough. Ht., 10 ft. Pkt. 5c.
 109 **Dipper**—The fruit of this climber is shaped like a dipper. Ht., 10 ft. Pkt. 5c.
 110 **Nest Egg**—Resembling in shape hen's eggs. The very best nest eggs. H. A. Ht., 10 ft. Pkt. 5c.
 111 **Dish Rag**—Hardy annual climber; used as a dish rag or bonnet. Ht., 10 ft. Pkt. 5c.
 112 **Mixed Varieties**—Producing all kinds of eccentric fruits. Ht., 10 ft. Pkt. 5c.

GYPSOPHILA.

Very handsome small flowers, produced in loose panicles in great abundance. Fine for bouquets, also used dried for winter.

- 113 **Choice Mixed**.....Pkt. 5c.

HELICHRYSUM.

One of the best everlastings; also make very attractive and showy plants for the border. If the flowers are desired for winter bouquets, they should be cut just as opening and dried in the shade.

- 114 **Nanum, fl. pl., Mixed**—Dwarf; fine for bouquets. Ht., 1 ft. Pkt. 5c.
 115 **Monstrosum, fl. pl., Mixed**—Fine large double flowers; good for pot and mixed borders. 2 ft. Pkt. 5c.
 116 **Double White**—Pure double white var. 2 ft. Pkt. 5c.

HELIANTHUS.

(*Sunflower*)—Some varieties of this well-known plant are very ornamental, and are effective in proper situations, in large shrubby borders or as screens.

- 117 **Nanum, fl. pl.**—Rich golden-yellow, medium-sized flowers. Ht., 3 ft. Pkt. 5c.
 118 **Mammoth Russian**—This variety grows very high and produces flowers of immense size. Pkt. 5c.
 119 **Double Mixed**—A great variety. Pkt. 5c.

HELIOTROPE.

A well-known and popular plant: fine for bedding, vases, baskets and for pot culture in winter. Flowers purple, borne in trusses, and exceedingly beautiful.

- 120 **Grandiflora Mixed**.....Pkt. 5c.

HOLLYHOCK.

The plants are stately in appearance, the flowers brilliant in color and delicate in texture. Blooming plants can be raised first year as easily as plants of *Zinnia* or *Marigold*. All that is necessary is to start the seeds in a box in the house in February or March. About May 1st, transfer to permanent place in garden, where they will produce elegant spikes of flowers in August and September, and blossom freely second year also.

- 121 **Chater's Superb Mixed**—An unequalled mixture of seventeen prize varieties, including all colors and shades known. Pkt. 10c.
 122 **Choice Double Mixed**—A fine collection. Pkt. 5c.

Humulus Japonicus

- 123 (*Japanese Hop*)—A very ornamental and fast-growing climber. The foliage is a lively green, and stands drouth, insects, etc., retaining its fresh color till late in the fall. Undoubtedly the best climber for covering verandas, trellises etc. Pkt. 5c.



HELICHRYSUM.

ICE PLANT.

- 124 Pretty trailing plants, with curious succulent leaves and stems. Fine for hanging baskets. Pkt. 5c.

IPOMCEA.

A large class of plants to which belong many of our best and most popular climbers. They are very rapid and luxuriant growers, and especially adapted to warm, sunny situations in the garden, for covering porches, trellises, etc.

- 125 **Fine Mixed**—Many varieties, both day and night blooming. 6 to 10 ft. Pkt. 5c.

LANTANA.

Popular and very rapid growing, free flowering plants, with large heads of variously colored flowers, which emit a powerful aromatic perfume, and are continually changing their color.

- 126 **Choice Mixed**—White, rose and yellow; parti-colored blossoms. H. H. B. Pkt. 10c.

LARKSPUR.

Well-known annuals of great beauty, and noted for richness of their colors.

- 127 **Dwarf German Rocket, Mixed**—Improved by culture, for clumps. H. A. Ht., 1 ft. Pkt. 5c.
 128 **Stock-flowered, Mixed**—Fine compact habit, dense foliage. Ht., 1½ ft. Pkt. 5c.
 129 **Double Emperor, Mixed**—A new strain obtained by selection. Ht., 1 ft., 6 in. Pkt. 5c.

LINUM (Scarlet Flax.)

Hardy annual, beautiful scarlet-crimson flowers, fine foliage, excellent for bedding.

- 130 **Rubrum**—Unsurpassed for brilliancy and duration of bloom. Ht., 1 ft. Pkt. 5c.

LOBELIA.

Pretty, profuse blooming plants of great value to the flower garden; their delicate, drooping habit and the profusion of their charming little flowers render them extremely ornamental. Very fine for hanging baskets. H. H. A.

- 131 **Erinus Gracilis**—Dark blue. Ht., 2 ft. Pkt. 5c.
 132 **Erinus Speciosa**—Blue with white eye; used at Crystal Palace and public gardens. Ht., 6 in. Pkt. 5c.
 133 **Choice Mixed**—For beds, edgings and pots; all colors. Ht., 6 in. to 1 ft. Pkt. 5c.

134

LEMON VERBENA.

This popular half-hardy shrub can be grown in the house during the winter or packed in a box and kept in the cellar. The plants grow about 2 ft. high, branching freely, each branch terminating in a pyramid of small white flowers. The leaves have a delicate, lemon-like fragrance. Pkt. 10c.

MARIGOLD.

These annuals are old favorites in our gardens, but have been greatly improved in size and doubleness of flowers. They are very effective for groups and masses.

- 135 **African Tall, Dbl. mixed**—Fine blossoms; ht. 2 ft. Pkt. 5c.
 136 **African Dwarf, Double mixed**—Showiest of flowers, fine mixture; ht. 1 ft. Pkt. 5c.
 137 **French Tall, Dbl., mixed**—This is a fine mixture of tall kinds; ht. 2 ft. Pkt. 5c.
 138 **French Dwarf, Dbl., mixed**—For open border or shrubbery; ht. 1 ft. Pkt. 5c.

MARTYNIA.

Fine summer-blooming garden plants with Gloxinia-like flowers of many handsome colors, followed by curiously horned fruits. Sometimes called Devil's Claws. When young, these seed pods are very nice for pickling.

- 139 **Choice Mixed**.....Pkt. 5c.

MARVEL OF PERU.

(*Four o'Clock*)—Flowers open in the afternoon, hence the name "*Four o'Clock*." Old-fashioned but none the less beautiful. The plant is large, and requires four feet of space; makes a pretty hedge. The flowers are funnel shaped, white, red and striped; very fragrant.

- 140 **Fine Mixed**.....Pkt. 5c.

MAURANDIA.

Delicate climber for windows or conservatories, or for open ground in summer. Admirable to hang from vases, to cover stumps and low trellises, flowering freely.

- 141 **Choice Mixed**.....Pkt. 5c.



NASTURTIUM.

MIGNONETTE.

A universal favorite on account of its delicate fragrance. Good for pots or garden culture. If thinned out produces stronger plants and better blooms. Sow the seed at intervals throughout the summer for a succession of bloom.

- 142 **Sweet (Reseda Odorata)**—Too well known to need comment. Ht. 1 ft. Lb. \$1 50; ¼ lb. 40c; Oz. 15c; Pkt. 5c.
 143 **Machet**—Spikes of bloom richly colored, dark foliage; fine for pots; ht. 9 in. Pkt. 5c.
 144 **Hybrid Spiral**—One of the finest varieties in cultivation; free bloomer; 1 ft. Pkt. 5c.
 145 **Large Flowering**—A splendid variety; long spikes; highly scented, 1 ft. Pkt. 5c.
 146 **Golden Queen**—Golden-colored flowers, finely scented; height, 1 ft. Pkt. 5c.
 147 **Crimson Victoria**—New, distinct, deep color, exquisitely scented; ht. 1 ft. Pkt. 5c.

MINA LOBATA.

Half-hardy climbing annual from Mexico. The plant grows 15 to 20 ft. high, bearing on graceful spikes flowers which, when first opening are vivid red, changing to orange and when fully expanded, to creamy white. They are free-blooming, and splendid for porches, etc. Pkt. 10c.

MIMOSA (Sensitive Plant).

Pinkish white. Very interesting and curious plant; its leaves closing if touched or shaken. Ht. 1 ft.

- 149 **Pudica**.....Pkt. 5c.

MONKEY FLOWER.

Tender looking plants with singular shaped and brilliant colored flowers, blotched and spotted in every conceivable manner. Excellent for baskets or vases, while they thrive well in the open garden if planted in partial shade.

- 150 **Mimulus Punctatus Grandiflora, MIXED**.....Pkt. 5c.

MOMORDICA.

Trailing plants with curious and very ornamental foliage; the fruit is of golden-yellow color, warted, and when ripe opens, disclosing its seeds and brilliant carmine interior. Planted on rock-work, stumps of trees, etc., and allowed to ramble, the effect is very striking. Annual 10 ft.

- 151 **Balsamina (Balsam Apple)**.....Pkt. 5c.
 152 **Charantia (Balsam Pear)**.....Pkt. 5c.

MUSK PLANT.

A well known and favorite plant both for outside borders and for pot culture in spring. Cultivated on account of the musky odor of the plant.

- 153 **Mimulus Moschatus**.....Pkt. 5c.

MYOSOTIS.

(*Forget-me-not*)—Perennials. Bloom first year from seed. Pretty plants, with neat little star-shaped flowers.

- 154 **Alpestris**—Mixed colors.....Pkt. 5c.
 155 **Palustris**—True forget-me-not, blue.....Pkt. 5c.

NICOTIANA.

Of all the varieties of tobacco which are grown for their sweet-scented flowers this is the best. The plant is literally covered with large, white star-shaped flowers, which, after being cut, will remain perfect for a week. A few plants will perfume the whole yard or garden.

- 156 **Affinis**.....Pkt. 5c.

NASTURTIUM.

(*Indian Cress*)—The dwarf varieties are all desirable and are among our most popular plants, standing any amount of heat and drouth, growing vigorously and flowering all summer and fall; excellent for massing and ribboning, doing well even in poor soil. The tall varieties are elegant plants for verandahs, trellises, etc. Seed pods can be gathered, while green and tender for pickling. H. A.

- 157 **Pearl**—Light cream color, the nearest to Oz. Pkt. a white yet obtained. Ht. 1 ft. 15c. 5c.
 158 **Spotted**—Orange, with chocolate spots; a pleasing contrast to other kinds. Ht., 1 ft. 15c. 5c.
 159 **Scarlet**—Fine orange-scarlet; the freest bloomer of all; fine for vases. Ht., 1 ft. 5c. 5c.
 160 **Crimson**—Fine dark crimson-maroon; a dense bloomer; very effective. Ht. 1 ft. 15c. 5c.
 161 **Beauty**—Handsome variety, golden orange, bright scarlet spots. Ht. 1 ft. 15c. 5c.
 162 **Empress of India**—A sensational variety; brilliant crimson. Ht. ¾ ft. 15c. 5c.
 163 **King Theodore**—Remarkable appearance; dark chocolate crimson. Ht. ¾ ft. 15c. 5c.
 164 **Ruby King**—Quite a novel color; rich ruby rose. Ht. ¾ ft. 15c. 5c.
 165 **Ladybird**—Golden, with a flame of ruby crimson on each petal. Ht. ¾ ft. 15c. 5c.
 166 **Tom Thumb, MIXED**—Comprises the above and a great many more varieties. Ht. 1 ft. 15c. 5c.
 167 **Tall, MIXED (Tropaeolum Major)**—Large blossoms and free flowering habit. Ht. 6 ft. 15c. 5c.

OXALIS.

Showy plants with brilliantly colored flowers; very effective when used in rockwork, baskets, etc.

- 168 **Fine Mixed**.....Pkt. 5c.

GENOTHERA.

(*Evening Primrose*)—An interesting half-hardy annual, opening its flowers towards evening with a snap that is sure to attract attention, especially to the children.

- 169 **Mixed Colors**.....Pkt. 5c.

PANSIES.

Pansies are a specialty with us, and we use the greatest care in growing, selecting and importing the best strains of these universal favorites.

- 170 **Rainbow Strain**—Extra large size, and endless variety of shades and colors. Pk. 25c.; 3 Pk. 50c.
 171 **Perfection**—No other mixture contains so many choice kinds. ½ oz., \$2; 4 Pkt. 25c.; Pkt. 15c.
 172 **Trimardeau, MIXED**—Very large flower. A very fine mixture.....Pkt. 15c.
 173 **Cassier's Giant Strain, MIXED**—A rich and lovely variety.....Pkt. 15c.
 174 **King of the Blacks (Dr. Faust)**—The blackest pansy grown; nearly black.....Pkt. 10c.
 175 **Snow Queen (Candidissima)**—The finest white pansy ever introduced; satiny white.....Pkt. 10c.
 176 **Gold-margined**—A fine contrast to other varieties; large flowered and very showy.....Pkt. 10c.
 177 **Lord Beaconsfield**—Purple-violet shading to white; has to be seen to be appreciated.....Pkt. 10c.
 178 **Very Large Flowering, MIXED**—A great many colors; selfs, striped and spotted.....Pkt. 10c.
 179 **Finest Mixture**—25 shades and colors from one of the best pansy growers in Germany.....Pkt. 10c.
 180 **Fine Mixed**—A good variety; will not produce such large and perfect flowers as No. 211.....Pkt. 5c.



MARIGOLD.



MONKEY FLOWER.



MIGNONETTE.



MOMORDICA.



PANSY.

"The Best" Seeds are none too good for our customers.



POPPY—DOUBLE.



SINGLE PETUNIA.



CASTOR OIL BEAN.



PHLOX.



PASSION FLOWER.

POPPIES

This grand old flower is fast gaining the popularity which it justly merits. Having for years been crowded out of our gardens by the swarms of newcomers and forgotten; it has, nevertheless, kept pace with the march of improvement, and now comes around and surprises us with its new forms, new sizes, new colors, and the dear old flower which our grandmother loved so much, again occupies one of the first places in our gardens, and we are proud of it; and well we may be, for through June and July it stands without an equal, the showiest of all annuals.

- 181 **American Flag**—Beautiful new variety, flowers Very large and double; snow-white, bordered with scarlet; foliage bluish-green. Pkt. 5c
 182 **Danebrog**—Double flowers of deep red, each petal being marked at the base with a white blotch. Pkt. 5c
 183 **Carnation Flowered**—Double of large size, and in a great variety of colors. Pkt. 5c
 184 **Iceland**—A perennial variety; colors range from pure white and yellow to orange scarlet. Pkt. 5c
 185 **Mikado**—Flowers are of pure white at the back, the fringed edges are of brilliant scarlet. Pkt. 5c
 186 **Paony Flowered**—Flowers in size and color are equal to Paonies. Mixed colors. Pkt. 5c
 187 **Shirley**—Similar in every way to the wild Scarlet Field Poppy of England. Strikingly handsome. Pkt. 5c
 188 **Snow Drift**—Pure white; grand. Pkt. 5c
 189 **Tulip**—A dazzling variety, resembling the tulip in shape; color intense scarlet. Pkt. 5c
 190 **Greatest Mixed**—An elegant mixture of standard and novelty varieties. Pkt. 5c

PASSION FLOWER

One of the most desirable of all climbing plants. Sow seed early, and if well cared for and seasons are favorable, vines will send out magnificent blossoms the first year. Its color is odd, comprising a combination of blue, pink and white, which is beautiful; very large and showy, of a feathery and velvet-like appearance. Vines begin to throw out blossoms when only one or two feet high, followed in the fall by beautiful golden fruit about the size of a hen's egg. If left in the open ground in winter it must have some protection.

- 191 **Mammoth**. Pkt. 5c

PETUNIA

Petunias are unsurpassed, if, indeed, equalled, for massing in beds. Their richness of color, duration of bloom, and easy culture will always render them welcome and popular. They will do well sown in open border in the spring, or earlier in cold frame or hotbed, and transplanted 18 in. apart. By the latter process they will come into bloom much earlier, though they will do perfectly well sown in open ground.

- 192 **Double Fringed**—Comprises the most superb double kinds; fringed, striped, etc. 1 to 2 ft. Pkt. 40 seeds 25c
 193 **Double Mixed**—Of every conceivable shade and color; 75 per cent. double. Pkt. 40 seeds, 15c
 194 **Striped and Blotched**—A fine strain, very large, perfect flowers. Pkt. 5c
 195 **Yellow-Throated**—Beautiful variety, with deep, broad yellow throat. Pkt. 10c
 196 **Large Flowering, SUPERB MIXED**—Twice the size of the old sorts; most beautiful shades. Pkt. 10c
 197 **Hybrida, MIXED**—Contains varieties of all colors, for pots or garden. ¼ oz. 25c; Pkt. 5c

PHLOX DRUMMONDII

These flowers are of extreme beauty and are greatly admired by all; their long duration in bloom, combined with their almost unequalled richness of color, renders them of invaluable service in the general flower garden, and a finer sight than a bed of Phlox Drummondii is rarely to be seen.

- 198 **Flora Alba**—Large, pure white flower, chaste and handsome. H. A. 1 ft. Pkt. 15c
 199 **New Star-shaped ("Star of Quealburg")**—Flowers of regular star-like form; plant of compact habit, novel and beautiful. 1 ft. Pkt. 5c
 200 **New Fringed ("Grandiflora Frimbriata")**—Valuable; beautifully fringed. Ht. 1 ft. Pkt. 5c
 201 **Grandiflora, MIXED**—Large-flowering kinds. Ht. 1 ft. ¼ oz. 40c; Pkt. 5c
 202 **Fine Mixed**—Comprising 16 different shades. 1 ft. ¼ oz. 30c; Pkt. 5c.

POLYANTHUS

A pretty plant for borders and rockwork. Succeeds well in any good garden soil. H. P. 1 ft

- 203 **Fine Mixed**. Pkt. 5c

PRIMULA

Very beautiful and desirable flowers, in great demand for bouquets and floral designs. Sow the seed in spring for blooming the succeeding winter.

- 204 **Frimbriata, Alba**—The finest white of all; splendid trusses; a giant strain. Ht. 1½ ft. Pkt. 25c
 205 **Frimbriata, Rubra**—Choice exhibition variety; beautiful red color. Ht. 1½ ft. Pkt. 25c
 206 **Frimbriata, fl. pl., MIXED**—Double fringed, a new feature in Primulas, varying shades of color. T. P. 1½ ft. Pkt. 25c
 207 **Frimbriata, MIXED**—Single fringed mixed, includes many sorts. Ht. 1½ ft. Pkt. 25c

PORTULACA

(Rose Moss) -- Should be in every garden. There is scarcely any flower in cultivation that makes such a dazzling display of beauty as a bed of many-hued, highly-colored Portulacas. They are in bloom from about the first of July till killed by frost in autumn. H. A. 6 ins.

- 208 **Finest Single Mixed**—Splendid mixture. all colors, large flowered. Pkt. 5c
 209 **Choice Double Mixed**—Improvement on the other kinds in size of flower. Pkt. 10c

PYRETHRUM

Handsome herbaceous plants of easy culture; valuable for margins, beds, etc. Sow from December to April.

- 210 **Uliginosum ("Giant White Daisy")**—Large, pure white flowers produced in great abundance. H. Ht. 3 ft. Pkt. 5c.
 211 **Golden Feather**—Well known golden-leaved plant used so much in bedding. H. P. Pkt. 10c
 212 **Roseum Hybridum**—Beautiful rose color. For cut flowers. Ht. 1½ ft. Pkt. 10

RHODANTHE

Fine graceful plants, producing beautiful flowers of various colors. Make pretty everlasting for winter bouquets, for which purpose the flowers should be cut before fully open and dried in the shade.

- 213 **Finest Mixed**. Pkt. 5c

RICINUS

(Castor Oil Bean) -- The picturesque foliage and stately growth, combined with brilliant-colored fruit of the giant varieties, impart to shrubberies and mixed flower borders quite an oriental aspect. Grown as single specimens on lawns and pleasure grounds, they form a striking feature.

- 214 **Bourboniensis Arboreus** -- Dark green foliage. H. H. A. 15 ft. Pk. 5c
 215 **Gibsoni** -- Dark purplish-red foliage and stem; fine for lawns. 6 ft. Pkt. 5c
 216 **Campodgensis** -- Palm-like leaves of a bronzy-red; best grown. Ht. 6 ft. Pkt. 5c
 217 **Fine Mixed** -- Gigantic; ornamental until destroyed by frost. Ht. 6 to 15 ft. Pkt. 5c

STOCKS

(Gillyflowers) -- These seeds are saved from the finest double varieties. Unsurpassed for bedding, massing, edging or pot culture, being very free and long bloomers, and of much diversity and brilliancy of color. The Ten-Week Stocks will bloom about ten or twelve weeks after being sown. A little shade from the hottest sun, and water in the evening, will add much to the size, beauty and durability of flowers. H. H. A.

- 218 **Snowflake Ten-Week** -- Large and very double snow-white flowers, admirably adapted for forcing. H. H. A. Ht. 1 ft. Pkt. 10c
 219 **Dwarf Bouquet Ten-Week, MIXED** -- Large double flowers, compact. Ht. 6 in. Pkt. 10c
 220 **Large-Flowering Dwarf Ten-Week, MIXED** -- Imp. dwarf variety; increased size of bloom. Ht. 1 ft. Pkt. 5c
 221 **Giant Perfection Ten-Week, MIXED** -- Long spikes, perfect double flowers. Ht. 2½ ft. Pkt. 5c
 222 **Fine Double Dwarf German Ten-Week, MIXED** -- 25 colors. Ht. 1 ft. Pkt. 10c
 223 **Dwarf Ten-Week, MIXED** -- A very good mixture, about 50 per cent. double. 1 ft. Pkt. 5c

SALVIA

The Salvia or Flowering Sage, is a very ornamental plant, flowering in spikes of fiery red, and continues to blossom in open ground till frost, when the plants can be removed to the greenhouse and continue in bloom a long time. H. H. P. 3 ft.

- 224 **Splendens ("Scarlet Sage")** -- Most gorgeous plants, with spikes of intensely vivid scarlet flowers. The flower spikes 10 to 12 in. in length. Pkt. 5c
 225 **Patens** -- One of the brightest and purest of all blue flowered plants. Pkt. 10c
 226 **Coccinea** -- Brilliant crimson-scarlet. Pkt. 5c
 227 **Argentea** -- Fine pure white; comes true from seed. Pkt. 5c

SMILAX

No climbing plant in cultivation surpasses this for graceful beauty of foliage. In cut flowers and for wreaths, etc. it is indispensable to florists. Its hard texture enables it to be kept several days after being cut without wilting.

- 228 **Myrsophyllum Asparagoides ("Boston Smilax")**. Pkt. 10c

If you would have beautiful flowers, use Bowker's Ammoniated Food for Flowers.

SWEET PEAS.



Our collection of these beautiful, free-flowering annuals is unrivalled. Culture—Sow early in the spring as possible, in a trench about eight inches deep, and cover with about an inch of soil, and as the young sprouts grow, gradually draw the earth around them until the trench is level. Care must be taken not to smother the leaves when earthing up. Plant in a sunny position, in good, rich soil, and give plenty of moisture. The season of bloom will be lengthened if the flowers are freely gathered as they mature. One lb. of seed will sow a row of eighty feet. The following are among the best of

"BRILLIANT."
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the varieties which are offered, and our prices are put low to induce extended cultivation of this most exquisite and fashionable flower.

THE FOLLOWING VARIETIES:

Packet, 5c.; Oz., 10c.; ¼ lb., 20c.; Post-paid.

- 229 **Aurora**—Flaked orange-salmon; large expanded standard.
- 230 **Blanche Burpee**—Pure white; immense size, usually three flowers on a stem; profuse bloomer.
- 231 **Blanche Ferry** (*Improved Painted Lady*)—Large and beautiful pink and white flowers.
- 232 **Boreatton**—Crimson-purple; very large, dark blossoms.
- 233 **Butterfly**—White, laced with lavender.
- 234 **Countess of Aberdeen**—Soft pink, turning lighter.
- 235 **Captain of the Blues**—Purplish-mauve; wings pale blue.
- 236 **Captivation**—Beautiful light magenta or claret color.
- 237 **Coquette**—Primrose-yellow, shaded with pale lavender.
- 238 **Duke of Clarence**—A brilliant shade of rosy-claret; extra large flower.
- 239 **Duchess of York**—White, deeply striped and barred with delicate pinkish-purple.
- 240 **Duke of York**—Bright rosy-pink standards, wings primrose, tinted white; distinct and fine.
- 241 **Daybreak**—Watered crimson scarlet on white ground.
- 242 **Emily Eckford**—Porcelain, suffused with reddish mauve.
- 243 **Emily Henderson**—A fine pure white variety; early and a great bloomer.
- 244 **Firefly**—Standards, fiery scarlet; wings crimson-scarlet; one of the largest.
- 245 **Gaiety**—Standards, white; striped and flaked with rosy-lilac; wings, delicate blush.
- 246 **Gray Friar**—Beautiful watered-purple on white ground.
- 247 **Lady Beaconsfield**—Salmon standards, tinted with rose; pale yellow wings.
- 248 **Lemon Queen**—Tinted blush-pink and lemon; three flowers on a stem and very large.
- 249 **Lady Penzance**—Beautiful rosy-pink, tinted with orange; wings, darker pink.
- 250 **Little Dorrit**—Pink standard, white wings.
- 251 **Mrs. Eckford**—White, delicately shaded with primrose.
- 252 **Mrs. Sankey**—Without any exception the best white sweet pea grown.
- 253 **Meteor**—Bright orange salmon; wings light pink; a beauty.
- 254 **Mrs. Joseph Chamberlain**—White, striped and flaked heavily with bright rose.
- 255 **Novelty**—Scarlet, orange-tinted; extra large flower and long stem; very desirable.
- 256 **Oddity**—Peculiar pale carmine with bright rose.
- 257 **Orange Prince**—Orange-pink, flushed with scarlet.
- 258 **Peach Blossom**—Salmon-pink standards and wings soft pink.
- 259 **Primrose**—Pale primrose-yellow; novel and distinct.
- 260 **Rising Sun**—Orange blotched carmine; wings, bluish white.
- 261 **Ramona**—White, daintly splashed with pale pink.
- 262 **Stanley**—Deep maroon; large and of finest form, one of the darkest peas grown.

The above 34 Varieties, 1 packet of each, for \$1.00 Post-paid.

Or your choice of 12 Varieties, 1 oz. of each for \$1.00.

- 263 **Mixed Colors** (*Lathyrus Odoratus*)—Beautiful colors.....Pkt. 5c.; oz. 8c.; ¼ lb., 10c.; 1 lb. 35c.
- 264 **Eckford's Finest Mixed** (*Lathyrus Odoratus Gr. diflora*)—Delicious perfume; exquisite colors. Pkt. 5c. oz. 8c.; ¼ lb. 15c.; 1 lb. 50c.
- 265 **Light Colors, Mixed**—This mixture has been made up to supply the demand where light colors only are wanted.....Pkt. 5c.; oz. 8c.; ¼ lb. 15c.; 1 lb. 50c.

SALPIGLOSSIS.

Very showy bedding or border plants, with richly colored, erect, funnel-shaped flowers. The colors are beautifully marbled and penciled purple, scarlet, crimson, yellow, blue and a most black. H. H. A. 1½ ft.

- 266 **Tall Mixed**.....Pkt. 5c.
- 267 **Dwarf Mixed**.....Pkt. 5c.

SCABIOSA.

(*Mourning Bride*)—The old and well-known "Sweet Scabiosa" is not so generally cultivated as it deserves. They are very free bloomers, effective for garden decoration and valuable for cutting purposes.

- 268 **Snowball**—Beautiful pure white double flowers. H. A. Ht. 2 ft.Pkt. 5c.
- 269 **Tall Mixed**—A splendid mixture; height 2 ft.Pkt. 5c.
- 270 **Dwarf Mixed**—Free bloomers; height, 1 ft.Pkt. 5c.

SWEET WILLIAM.

A beautiful class of free flowering plants of extreme richness and diversity of color. Produces a fine effect in beds or mixed flower borders. H. P. Sow in March or April.

- 271 **Finest Double Mixed**—Our strain is the finest; height, 1 ft.Pkt. 5c.
- 272 **Auricula-flowered**—Excites praise wherever grown; ht., 1 ft.Pkt. 5c.

THUNBERGIA.

(*Black-Eyed Susan*)—A genus of splendor and rapid-growing climbers, with extremely pretty and much admired flowers, which are freely produced. Succeed best in light, rich soil, in warm situations. H. H. A. 5 ft.

- 273 **Fine Mixed Colors**.....Pkt. 5c.

VERBENA.

No plant is more generally cultivated or more eagerly sought after than the Verbena, and no plant excels it for massing in beds on the lawn. Seedlings are stronger and more vigorous than plants from cuttings, and are usually fragrant, especially the light colors. The seeds sprout very unevenly, some not coming up for six weeks after the others. They flower perfectly well from seed sown in spring.

- 274 **Candidissima**—Immense trusses of pure white flowers; splendid bedder; height, 1 ft.Pkt. 10c.
- 275 **Defiance**—Scarlet, specially selected color for bedding or pots. Height, 1 ft.Pkt. 10c.
- 276 **Hybrida Striata**—Very beautifully striped; a fine variety; 1 ft.Pkt. 5c.
- 277 **Henderson's Mammoth, mixed**—Trusses 9 to 12 in. in circumference; of new and beautiful shades height, 1 ft.Pkt. 10c.
- 278 **Hybrida, Finest mixed**—Superb colors from the finest collection; 1 ft.Pkt. 10c.
- 279 **Hybrida, mixed**—A very good variety; ht. 1 ft. Pk. 5c.

VIRGINIA STOCK

Well known, beautiful, free-flowering annuals, desirable for beds, baskets or edgings; succeeds well in any soil; pink and white.

- 280 **Mixed Colors**.....Pkt. 5c.

VIOLETS (*Sweet English*).

Favorite little plants, producing flowers of the most delicate fragrance; popular with everyone.

- 281 **Odorata**.....Pkt. 5c.

WALLFLOWER.

Well-known hardy plants, producing fragrant flowers of various colors; blooms early in the season.

- 282 **Double German, mixed**—Grand flowers, rich colors; ht. 1½ ft.Pkt. 5c.
- 283 **Single Golden Yellow**—The old-fashioned, highly perfumed variety; color, rich golden-yellow; ht. 1½ ft.Pkt. 5c.

WILD CUCUMBER.

A well-known vine, common in many sections, and the quickest climber known for covering verandahs, old trees and houses, trellises, etc., never suffering from the heat, but retaining its fresh and lively green color; never infested with insects, and very profuse in bloom. It will sow itself and come up every year in the same place.Pkt. 5c.

ZINNIAS.

For gorgeous summer and fall display the Zinnia is unsurpassed. The flowers are perfectly double, resembling Dahlias, and almost every shade of color. For bedding and massing they are particularly suitable. Sow early in the house or hot-bed, or late in the open ground.

- 285 **Zebra, mixed**—Hardly any two plants produce alike; ht. 2 ft.Pkt. 5c.
- 286 **Tom Thumb, mixed**—Continues in bloom throughout the season; ht. 3½ ft.Pkt. 5c.
- 287 **Curled and Crested**—Petals twisted into fantastic contortions and graceful forms. A magnificent variety of colors; ht. 2 ft.Pkt. 5c.
- 288 **Giant Mammoth, mixed**—Flowers of immense size and great substance; ht. 2 ft.Pkt. 5c.
- 289 **Coccinea, fl. pl.**—Double scarlet; as a border flower it is in the front rank; ht. 1½ ft.Pkt. 5c.
- 290 **Choice Double, mixed**—This mixture cannot be surpassed; ht. 1½ ft.Pkt. 5c.



SALVIA.



SCABIOSA.



SALPIGLOSSIS.



VERBENA—MAMMOTH.



ZINNIAS.

Seeds of equal quality can nowhere be obtained for less money.



Appealing to All Lovers of Beautiful Flowers.

Many persons derive pleasure from watching the growth of a varied bed of flowers entirely out of the usual trim garden style, while others desire a much more extended collection than their means will permit. To both of these the following **SPECIAL MIXTURES** will prove exceptionally desirable.

291 Tall Growing Annuals --This mixture embraces seed of many of the handsomest annuals--all tall growing varieties of superior merit--none less than one foot high and many growing five to six feet high. The pleasing effect and profusion of flowers which this desirable collection will give is indescribable, particularly for backgrounds, borders and mass bedding. **Liberal Pkt. 10c**

292 Mixture of Foliage Plants --This mixture is made up entirely of those annuals which are grown almost exclusively for their beautiful variegated silver, golden or bronze foliage. The effect which they present is grand beyond description, whether used for mass bedding, ribbon or border purposes. **Liberal Pkt. 10c**

293 Low Growing Annuals --This mixture contains seeds of the greatest number of low growing annuals ever blended. Few exceed four to six inches in height, and which sown in beds or borders present the appearance of richly-colored Turkish rugs, carpeting the ground in their wide range of colorings, and forms so beautifully that nothing more remains to be desired. By all means do not overlook this when making out your order. **Liberal Pkt. 10c**

294 Mixture of Fragrant Annuals --Carefully prepared from seeds of fragrant flowers only. A bed of these will really give an unlimited amount of pleasure and perfume throughout the day and evening, while many of them are suitable for cut flower purposes. Try this mixture and you will be repaid many times over for the time and money which you expend on it. **Liberal Pkt. 10c**

295 Mixture of Climbers --This is a liberally filled packet of seed of many beautiful annual climbers, which will prove most useful for covering outhouses or growing upon trellises. **Liberal Pkt. 10c**

296 Everlastings and Ornamental Grasses

--All the annual varieties of each, many of them being really handsome in growth, and all of them desirable for house decoration during winter months. **Liberal Pkt. 10c**

297 Mixture of Biennials and Perennials --The great variety contained in this mixture will make a grand display the second year, and many of them will bloom year after year. **Liberal Pkt. 10c**

298 Wild Flower Garden Mixture --These mixed flower seeds embrace more than a hundred varieties of such easy-growing and pretty flowers as are suitable for forming a wild flower garden. They are very useful for woodland walks, roadsides, railroad embankments and for sowing along side of fences, and on any untidy, bare spots of ground which are so frequently unsightly, and which, if properly cared for and kept free from weeds, can be made to produce a continual display of bloom during the summer. **Liberal Pkt. 10c**

All of the above mixtures are carefully prepared from choice, fresh seeds, and cannot fail to give satisfaction. The packets are liberally filled, and in no other manner can so many seeds be obtained for such small cost.

School Garden Flower Mixture.



DARCH & HUNTER'S SCHOOL GARDEN FLOWER MIXTURE

As its name implies, this is a mixture we have made up to fill a long-felt want, where a number of varieties are wanted at a low cost. This mixture is composed of the finest and freshest seeds obtainable, and contains the rarest and most beautiful annual sorts, obtained at large expense from the most reliable flower seed specialists of America and Europe, especially for this purpose. The price at which we offer this mixture, **25c.**, has enabled us not only to put up a large size packet, but to include many new and magnificent sorts, so that it might well be called the Complete Flower Garden Mixture, embracing as it does, nearly every desirable flowering annual grown. A large packet, amply sufficient to plant a bed 30 feet square, will be sent, post-paid, to any address on the receipt of **25c.** Full cultural directions are printed on each packet.

See our Novelty List for new varieties of Flowers.



See our **LIBERAL DISCOUNTS** on top of Order Sheet, and do not forget to take advantage of them.

SEEDS PREPAID BY MAIL. Please bear in mind that the prices in the following list include prepayment of postage by us on all seeds offered by the packet, ounce, quarter pound, pint or quart, unless otherwise noted. Thus you have only to send the catalogue price, and we guarantee safe delivery by mail, postage prepaid.

MARKET GARDENERS Or other large planters requiring larger quantities of seeds than are here offered are invited to write for our **Special Red List**. This list we cannot send to private gardeners, even if they apply for it, as it is intended only for those who grow for market. In writing, please state whether you are a market gardener, florist or dealer in seeds.

AVOID MISTAKES. When making out your order for garden seeds do not be influenced by bulky catalogues, impossible pictures and extravagant descriptions. Common sense is said to be the best manure the gardener can use, and it commences in the selection of seed. Use your common sense and don't be influenced by statements which won't bear the test of the garden.

ORDER EARLY. Please order as soon after you get this Catalogue as possible, and then you will have your seeds at hand for planting when you want them; besides, if you want heavy seeds in large quantities, they can be sent by freight very cheaply.

YOUR SEEDS FOR NOTHING

Our mail order business is very extensive but we want to make it more so. To make it interesting to our customers, we will send

Every One Hundredth Order **FREE**

Be it large or small. Your seeds sent free and your money returned See conditions on 1st page of Novelty List.

YOU MAY BE THE LUCKY ONE.

ARTICHOKE.

Jerusalem Artichoke Roots—Yields from 400 to 1000 bushels per acre. The wonderful productiveness and ease with which they can be produced is always a surprise to those who cultivate them for the first time. The cheapest and healthiest hog feed raised. The hogs harvest the crop themselves, thus saving all expense, even that of feeding. Also esteemed for pickles. They should be planted early in the spring, cut small like potatoes. Plant 18 inches apart in rows three feet apart. Three bushels will plant an acre. **Lb. 10c., post-paid 15c.; bush. \$1.00.**

Green Globe—Produces large heads, with succulent scales, the bottom of which is the edible part. The tender central leaf-stock or midrib of leaf, blanched, is used. **Pkt. 5c.; oz. 40c.**



Brussels Sprouts.



Borecole or Kale.

BORECOLE OR KALE.

Green Curled Scotch—Dwarf and spreading. Cultivate same as cabbage. **Pkt. 5c.; oz. 15c. ¼ lb. 40c.**

BRUSSELS SPROUTS

Are more hardy than cabbage, standing more frost.

Improved Dwarf—Compact heads of fine quality. **Pkt. 5c.; oz. 15c.; ¼ lb. 40c.; lb. \$1.25.**

JERUSALEM ARTICHOKE.

ASPARAGUS.

Columbian Mammoth White—

An entirely distinct variety producing shoots which are white, and remain so as long as it is fit for use. In addition to the advantage of its white color, it is even more robust and vigorous in habit, throws larger shoots and fully as many of them as Conover's Colossal. It needs no earthing up in order to furnish the white shoots so much sought for. **Pkt. 5c.; oz. 10c.; 2 oz. 15c.; ¼ lb. 20c.; lb. 60c.**

Donald's Elmira—Originated with Mr. Donald, a well known market gardener of Elmira, N. Y. It is quite different from either Farr's or Palmetto, and a good, reliable mammoth variety. **Pkt. 5c.; oz. 10c.; 2 oz. 15c.; ¼ lb. 20c.; lb. 60c.**

Palmetto—Claimed to be an earlier, better yielder, and more even grower than Colossal. **Pkt. 5c.; oz. 10c.; ¼ lb. 15c.; lb. 50c.**



ASPARAGUS.

Asparagus Roots—Strong two-year-old roots of the above varieties, **Per 100, \$1; post-paid \$1.50; per 1000, \$7.50.**



ASPARAGUS ROOTS.

Improved White Cape—Standard sort; resembles cauliflower, but harrier. **Pkt. 5c.; oz. 40c.; ¼ lb. \$1.20.**

CITRON.

Red-Seeded (For preserving)—Striped

and marbled with light green. **Pkt. 5c.; oz. 10c.; 2 oz. 15c.; ¼ lb. 20c.; lb. 60c.**

Colorado (For preserving)—Very large, often weighing 25 pounds each; flesh firm and solid, color pale green. **Pkt. 5c.; oz. 10c.; 2 oz. 15c.; ¼ lb. 20c.; lb. 60c.**



CITRON.

The Canadian mail brings our seeds to every man's door.

DIRIGO TURNIP.



BEET

One oz. of seed sows fifty feet of drill. Directions for sowing printed on every packet.

Dirigo Turnip—A critical comparison between the Dirigo and Crosby's Egyptian raised side by side is what our customers want, as these two beets are competitors for the early market, most attractive beet, and altogether a most desirable variety for the market gardeners, combining those most desirable qualities: color, shape, size and earliness. Pkt. 5c; oz. 15c; 2 ozs. 25c; 1 lb. 35c.

New Victoria—This variety we have found very early, coming for table use about the same time as the old and well-known Egyptian. It has a beautiful, thin, smooth skin, and the flesh is the darkest of any beet we know of, with the exception of the Egyptian. Pkt. 5c; oz. 10c; 2 ozs. 15c; 1 lb. 30c; 1 lb. \$1.



Pearce's Long Dark Black-Red—(Private stock)—Color dark blood red; very tender. Pkt. 5c. oz. 10c.; 2 oz. 15c.; 1/4 lb. 25c.; 1 lb. 75c. The following varieties—Pkt. 5c.; oz. 10c.; 2 oz. 15c.; 1/4 lb. 20c.; 1 lb. 50c.

Crosby's Improved Egyptian—Small-necked, dark-fleshed, thicker and better quality than the old Egyptian.

Edmand's Improved Blood Turnip—Deep blood red.

New Eclipse—Very early; smooth, round, intense blood red.

Bastian's Blood Turnip—One of the earliest.

BEANS—DWARF or BUSH.

Golden Beauty—We unhesitatingly pronounce it the best Wax-podded Bean in cultivation. The plant is extremely dwarf and bushy in habit of growth, and can be planted much closer in the rows than ordinary varieties, making it invaluable for small gardens. It is enormously prolific, yielding an abundant supply of pods 4 to 6 inches long, of a lovely delicate wax-like appearance, which are tender, fleshy, quite stringless, almost transparent, and of excellent flavor. They can be cooked whole. Pkt. 5c.; 1 lb. 20c.; post-paid, 24c.

Davis Kidney Wax—The following strong points are claimed for this new bean. Perfect freedom from rust and blight; great earliness; that its pods take on the wax color soon after they are formed; that its pods are perfectly round, entirely stringless; that it is remarkably productive. 1 lb. 20c; post-paid 24c.

Burpee's Bush Lima—The only bush form of the true large Lima bean. It comes absolutely true from seed. It is an immense yielder, each bush bearing from 50 to 200 of the handsome large pods, well filled with very large beans, which are identical in size and luscious flavor to the well-known large pole Lima. Pkt. 5c.; 1 lb. 20c.; post-paid 24c.; 5 lbs. 80c.

Dwarf Triumph—The earliest green-podded variety in existence, having well-matured pods in thirty-two days from planting. 1 lb. 20c.; post-paid, 24c.

The following varieties, 51c. per lb.; post-paid, 19c.; five lbs. 60c

Kenny's Rustless, or Golden Wax—Combines hardness and productivity with fine quality. The pods are meaty and well filled, thick-flat when young, and semi-round later; of rich yellow color and fine quality and stringless, even when large enough to shell.

Wilson's Yellow-Eye Pea—One of the best all-purpose market beans ever introduced, of sterling merit for green use as a string bean. Vigorous grower; one of the most productive green-podded varieties we have ever grown.

White Valentine—Green-podded; very early; suitable for Manitoba.

Wardwell's Kidney Wax—Extra early; wax pods, long flat, and remarkably free from rust.

Black Wax or Butter—Very early and delicious; round yellow pods.

Golden-eyed Wax—Very early; prolific; pods long, brittle, rich golden color and entirely stringless; free from spot.

Early Long Yellow Six-Weeks—One of the earliest green-podded sorts; very productive.

White Marrowfat—An excellent shelled bean for winter use; very prolific.

Large White Kidney—Excellent either green or ripe.

Selected Mixed—Standard green and wax podded; early, medium, late varieties.

ENGLISH BROAD BEANS.

This class is very hardy, and will stand frost. They should be planted as early as possible after the ground is open, in drills two feet apart and four inches apart in the drills. A strong, heavy soil suits them best.

Early Mazagan—Hardy and early. } Each Pkt. 5c.; 1 lb. 15c.; post-paid, 19c.

Broad Windsor—Largest.

Sword Long Pod.

POLE OR RUNNING BEANS

Of some 25 varieties of pole beans tested by us, we found only the three following varieties suitable for our climate.

PRICES OF THE FOLLOWING VARIETIES—PKT. 5c.; 1 lb. 20c.; POST-PAID, 24c.

Dutch Case Knife—Pods long, green and flat; early; excellent sort to grow on corn.

Scarlet Runners—A popular English bean; very ornamental climber and a grand cooker.

Drees's Improved Lima—Very productive; of superior quality.

With a little trouble Pole Beans are the most profitable beans to grow.

We prepay postage on all Seeds, Plants, Bulbs, etc., except where noted.



CARROT.

One ounce will sow one hundred feet of drill. Full directions for cultivation on each package.

The following varieties—Pkt. 5c.; oz. 10c.; 2 oz. 15c.; 1/4 lb. 20c.; 1 lb. 70c.

Guerande Half-long, or Oxheart—Half-long, thick and short; a favorite.

Pearce's Scarlet Model, or Selected Chantenay (private stock)—Finest stump-rooted carrot in cultivation; regular in shape; single tap-root; scarlet color; flesh sweet.

Half-long Scarlet Stump-rooted—An excellent sort, of good quality.

Early Scarlet English Horn—A popular sort; fine-grained and good flavor.

Long Red St. Valery, or Intermediate (pointed root)—Very productive.

Peer of All—Color bright scarlet, smooth, of good size, and easily harvested. We consider it the best type of half-long carrot yet offered, and it has superseded the old variety of Danvers carrot.



PEARCE'S "SECOND CROP."

CABBAGE.

One oz. of seed will produce about 2,000 plants.

Early Spring—A type of the early "Allhead," resembling in its habit of growth, but is smaller and as early as the Wakefield. Very uniform, round in shape, slightly flattened, very solid, even before the cabbages attain their mature size. The flesh is excellent. Gardeners cannot afford to be without this as it will be a good "seller," round cabbages receiving always the preference if offered in competition with pointed heads, while its compact form and good quality will commend it for the private garden—Pkt. 10c.; oz. 30c.; two oz. 50c.; ½ lb. \$1.

Ideal Winter—This variety is a few days earlier than Premium Flat Dutch, and is certainly one of the most magnificent strains of Late Flat Dutch known to-day. By persistent selection, year after year, it has been brought up to a state of perfection, rarely, if ever, attained elsewhere. The large, solid heads, the low, short stems, the absence of useless foliage, the uniformity of size and shape, the reliability for heading, and the long-continued selection mentioned above, all combine to make this the ideal Cabbage for profit. Pkt. 5c.; oz. 25c.; two oz. 45c.; ½ lb. 80c.

Victoria Savoy—To know what a good Savoy is grow the Victoria for its very delicate flavor. It is the prettiest and best variety we have ever grown, producing good solid heads and finely curled leaves. Extremely hardy, yet of delicious flavor. Pkt. 5c.; oz. 25c.; two oz. 45c.

Rosedale Savoy—A selection from the German Drumhead or Des Vertus Savoy, which, up to the present time, was the largest of its class grown. We claim that it combines solidity, quality, extra large size and long keeping more than any other savoy cabbage grown. It is beautifully curled, a characteristic wanting in all large savoy. Pkt. 5c.; oz. 25c.; two oz. 45c.; ½ lb. 80c.

Pearce's "Second Crop"—For a large, heavy, hard-headed, second early variety, we don't know of any that will approach this. The head is thick, broad, solid, and slightly rounded on the top, throwing off all rains and thereby preventing all tendency to rot. The leaves extend well over the centre line of the head, and fold down alternately, forming a compact head. Pkt. 5c.; oz. 25c.; two oz. 45c.; ½ lb. 75c.

Pearce's 50-Lb.—Remarkable for its immense size, firm heart and superior heading properties; heads broad, very large, frequently attaining a diameter of 20 inches or more. As a late, hardy and productive variety it has no superior. One of the best for making "sauerkraut." Pkt. 5c.; oz. 20c.; ½ lb. 60c.

Giant Erfurt Blood-Red—One of the largest red sorts, fine for exhibition. Pkt. 5c.; oz. 25c.; ½ lb. 80c.; 1 lb. \$2.50.

Express (Private Stock)—The earliest Cabbage grown; heads medium size and solid. Pkt. 5c.; oz. 15c.; 2 oz. 25c.; ½ lb. 40c.

Burpee's Allhead—Remarkably solid, uniform in color, very tender, and valuable as a winter cabbage if sown late. Pkt. 5c.; oz. 25c.; 2 oz. 40c.; ½ lb. 75c.

Charleston Wakefield, or Improved Jersey Wakefield—The largest and best first early cabbage; about half as large again as old Wakefield, and only two or three days later. Pkt. 5c.; oz. 25c.; 2 oz. 50c.; ½ lb. 90c.

The Lupton, or Improved Vandergaw—Second early, large and perfect shape; stock pure. Pkt. 5c.; oz. 25c.; 2 oz. 40c.; ½ lb. 75c.

World-Beater, or Autumn King—A sure header; very solid fine grained and tender color, dark green; remarkable thick through. Pkt. 5c.; oz. 20c.; 2 oz. 35c.; ½ lb. 60c.

Large German Drumhead Savoy—It has a short stump, grows to a large size, compact and solid; largest Savoy in cultivation. Pkt. 5c.; oz. 15c.; 2 oz. 25c.; ½ lb. 50c.

Also the following well-known varieties:

Early Winningstadt, Pkt. 5c.; oz. 10c.; 2 oz. 15c.; ½ lb. 35c.

Fottler's Brunswick, Pkt. 5c.; oz. 20c.; 2 oz. 35c.; ½ lb. 60c.

Short-Stemmed Drumhead, Surehead.—Each, Pkt. 5c.; oz. 25c.; two oz. 40c.; ½ lb. 75c.



BURPEE'S ALL-HEAD.

CAULIFLOWER

No seed is more important than Cauliflower Seed, as every gardener knows. It is one of the seeds in which price should never be questioned. One ounce of seed will produce at least 2,000 plants.



"BEST OF ALL."

"Best of All"—Although no surer to head than our Giant White Pearl, it is earlier and larger, which is a great advantage, especially to the market gardener. The earliest, largest and surest header of all. It keeps solid and crisp a long time after being cut. This is the greatest advance in Cauliflower for years. Pkt. 20c.; 3 pkts. 50c.; ½ oz. \$1.75; oz. \$3.

Giant White Pearl (Private Stock)—Extra early and twice as large as any other extra early sort. The finest, best and surest header of all. Pkt. 20c.; 3 pkts. 50c.; ½ oz. \$1.50; oz. \$2.50.

Henderson's Early Snowball—Best for forcing or open ground; sure header. Pkt. 20c.; 3 pkts. 50c.; ½ oz. \$1.25; oz. \$2.25.

French Erfurt Dwarf (Private Stock)—Our strain cannot be equalled; we recommend it to market gardeners as one of the best for early or late use. Pkt. 10c.; 2 pkts. 15c.; ½ oz. \$1; oz. \$1.50.

THE FOLLOWING VARIETIES—Pkt. 5c.; Oz. 75c.; 2 Oz. \$1.35; ¼ lb. \$2.50.

Extra Early Paris—Heads medium size; first class.

Lenormand's Mammoth—Has very large heads, white and firm.

Lenormand's Short Stem—Produces close, compact heads of fine quality.

Veitch's Autumn Giant—Vigorous in growth, and very large; late.

CUCUMBER.

"Cool and Crisp"—The fruits are straight, even and slim, and until they reach their full size they are of a very dark green color, so dark that they might almost be called "black." The earliest of all for pickling, and for slicing when fully matured, being very tender and crisp. Pkt. 5c.; oz. 10c.; 2 oz. 15c.; ½ lb. 20c.; lb. 50c.

White Wonder—Very hardy and productive! The Cucumbers grow about eight inches long and two inches thick; the skin is thin but tough; color, ivory white; flesh very solid and of very fine flavor; it remains in good condition a long time. Pkt. 5c.; oz. 10c.; 2 oz. 15c.; ½ lb. 20c.; lb. 50c.

Japanese Climbing—It is a strong and vigorous grower, climbing on fences, poles and trellises, and the fruits, being raised well above the ground, never suffer from wet weather or insects. Cucumbers from ten to twelve inches in length, of fine green color; flesh thick and firm; fine for pickling and slicing. Pkt. 5c.; oz. 10c.; 2 oz. 15c.; ½ lb. 25c.; lb. 70c.



Pearce's Im. Long Green.

THE FOLLOWING VARIETIES: Pkt. 5c.; Oz. 10c.; 2 Oz. 15c.; ½ lb. 20c.; lb. 50c.

Pearce's Improved Long Green (Private Stock)—Long, smooth; flesh, solid, crisp.



BOSTON PICKLING.

Early Russian—The earliest in cultivation; flavor pleasant and agreeable.

Extra Early Siberian—This has proved to be the earliest in cultivation, producing cucumbers 5 in. long in fifty-five days.

Boston Pickling—Favorite Boston sort; fine for pickling.

Everbearing—Of small size; very early; enormously productive, and valuable as a green pickler.

Early White Spine—Fine shape; good market sort.

ENGLISH FORCING CUCUMBERS.



Lockie's Perfection—A remarkably productive variety bearing fruit 15 in. in length, perfect models in shape; of high quality. Pkt. 20c.

Tender and True—Perfect in form; of exquisite flavor; one of the best. Pkt. 20c.

Carter's Model—The handsomest cucumber grown; perfect in outline; fine flavor. Pkt. 20c.

Carter's Earliest of All—Will produce perfect fruit nine days in advance of all others; of good color, handsome form and fine flavor. Pkt. 20c.

ONE PACKET EACH OF ABOVE 4 VARIETIES, 70c.

Do not forget to avail yourself of OUR LIBERAL DISCOUNTS offered on top of Order Sheet.

SUPERIOR CELERY SEED.



1 Packet of each of the five varieties 25c.

CELERY

Sow in hotbeds early in spring, and when 3 in. high plant out in a well prepared bed, and when the plants are 6 in. high transplant 6 inches apart into trenches for blanching. The trenches should be 4 feet apart; dig 15 in. wide and 10 in. deep. Fill in 5 or 6 ins. of well rotted manure. One ounce will produce about 3,000 plants.

"Kalamazoo" or Solid Ivory

It is an acknowledged fact that more good Celery is grown in the famous "Kalamazoo Celery Fields" than anywhere in the world. For years the Celery growers in that section have devoted much time to the improvement of the best celebrated variety grown there, until we now have the acme of perfection in Celery. It is said to be the most perfect type of Dwarf White Celery known. Very distinct and handsome, of a beautiful cream white color throughout; it attains a very large size, is of quick growth, stiff and close habit; is remarkably solid and finely flavored. The ribs are very broad and closely set. A first-class keeper. Pkt. 10c; oz. 40c; ½ lb. \$1.50.

New Rose—The best of all red varieties, tender, crisp and good flavor. Pkt. 5c; oz. 25c; 2 ozs. 40c; ¼ lb. 75c; lb. \$2.50.

Giant Pascal—Is medium height, very brittle; stem thick, fleshy and very tender. Pkt. 5c; oz. 15c; 2 ozs. 25c; ¼ lb. 50c; lb. \$1.50.



"KALAMAZOO" OR SOLID IVORY.

Rose-Ribbed Paris (Self-Blanching)—A sport of the Paris Golden Self-Blanching, of which it possesses all the good qualities for which the latter has become world-famed. It has its beautiful golden yellow color, and differs from it only by the color of the ribs. The latter are of a very pretty shade of rose, which deepens as the season advances. There is no better flavored nor more brittle celery grown than the Red or Rose-colored. Pkt. 10c; oz. 50c; 2 ozs. 90c.

Giant Golden Heart—Stalks very thick, perfectly solid; quality equal to the old Golden Heart, and in habit of growth much taller. Pkt. 5c; oz. 15c; 2 ozs. 25c; ¼ lb. 40c; lb. \$1.50.

Golden Self-blanching, or Paris Golden-yellow (Private Stock)—A fine solid variety, of a rich, golden color; perfectly solid, brittle and of delicious flavor. Pkt. 10c; oz. 50c; 2 ozs. 85c; ¼ lb. \$1.50.

White Plume (Private Stock)—Tender, crisp, good flavor; requires very little labor in blanching. Pkt. 5c; oz. 25c; 2 ozs. 40c; ¼ lb. 75c.



CELERIAC or Turnip-Rooted Celery

Culture—Sow the seed at the same season and give the same treatment as common Celery. Transplant the young plants to moist, rich soil, in rows 2 ft apart and 6 in. apart in the row. Give thorough culture. As the roots are the edible portion of this vegetable, it is not necessary to earth up or "handle" it. After the roots have attained a diameter of 2 in. or over, they will be fit for use. To keep through winter, pack in damp earth or sand and put in cellar, or leave out of doors, covering with earth and straw, like beets or carrots.

Large Smooth Prague—An improved form of Turnip-rooted Celery, producing large and smooth roots, which are almost round and with very few side roots. Plants vigorous, with large, deep green foliage. Pkt. 5c; oz. 20c; 2 ozs. 35c; ½ lb. 60c.

CHICORY

Large-Rooted or Coffee—The leaves are used as a salad, and the dry roots as a substitute for Coffee. The seed should be sown in rows the same as for carrots. Pkt. 5c; oz. 10c; 2 ozs. 15c; ¼ lb. 25c; lb. 75c.

CRESS or PEPPER GRASS.

A well-known pungent salad. Requires to be sown thickly, and covered very lightly, at frequent intervals, to keep up a succession of crops, as it soon runs to seed.

Extra Triple Curled—A small salad, much used with lettuce. Pkt. 5c; oz. 10c; ½ lb. 15c; lb. 40c.

Water Cress—The pleasant and peculiar flavor of the Water Cress, and also the hygienic properties have made it highly esteemed for table use. Its culture can be carried on anywhere where there is sufficient supply of pure, fresh water. It is not even necessary it should be running water if it can be renewed often enough to keep it pure. Often grown in tubs of dirt in a cool, shady place. Pkt. 10c; oz. 50c.



EGG PLANT.

Sow early in hotbed or in a box in the house. When the plants are 4 in. high transplant to 2 feet apart in very rich, warm soil. One ounce will produce about 1,000 plants.

New York Improved Purple—Best in cultivation; early, and of fine quality. Pkt. 10c; oz. 60c.

Black Pekin—Large size; skin black, glossy and smooth; flesh white, very solid; early and prolific. Pkt. 5c; oz. 50c.

EGG PLANT.



ENDIVE.

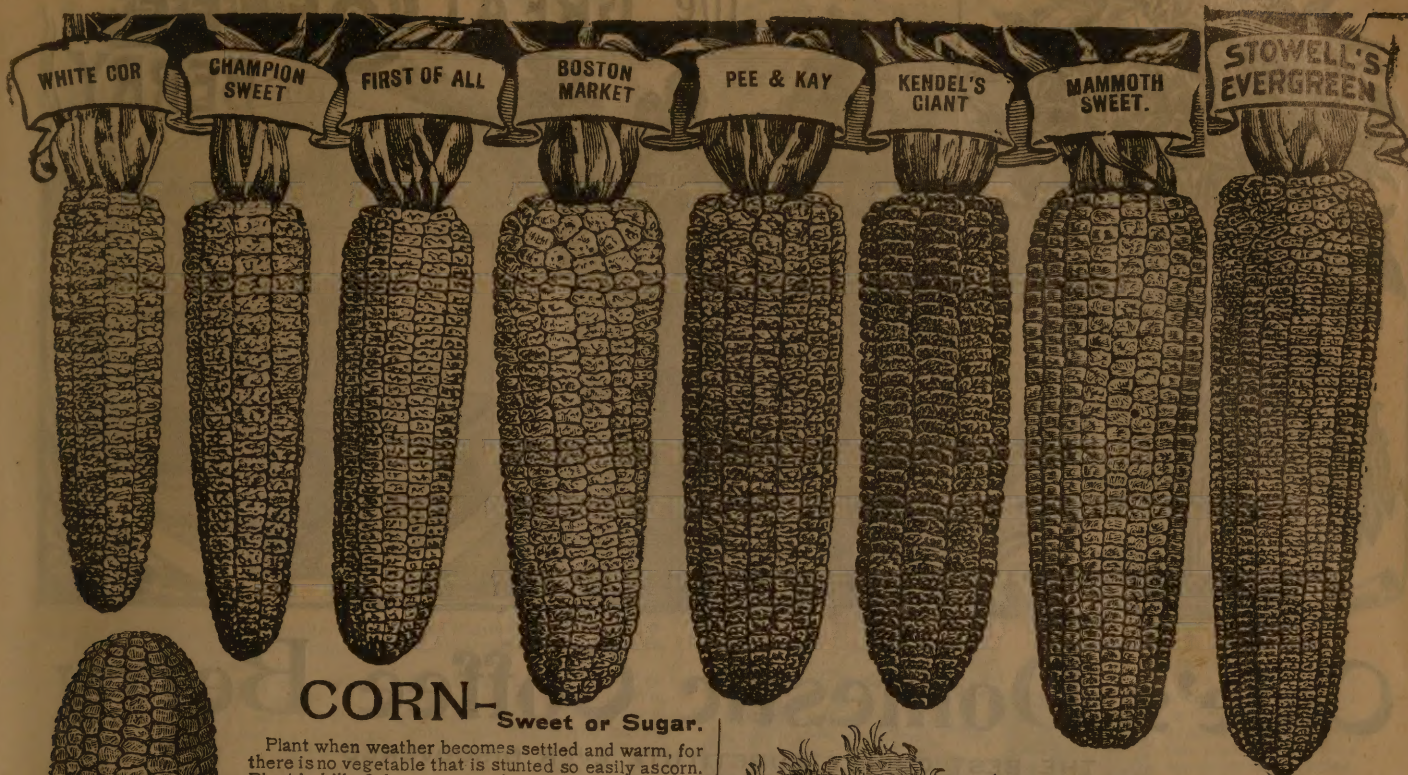
oz. 15c; 2 ozs. 25c; ¼ lb. 40c; lb. \$1.50.

ENDIVE

For first crop sow about the middle of May, and for succession in June and July. When two or three inches high thin out or transplant into good soil one foot apart; when large enough, tie up the loose leaves or cover with flower pot to blanch for salad.

Green Curled—The hardest variety grown; beautifully curled tender and crisp. Pkt. 5c;

We are the largest manufacturers of Poultry Supplies in Canada. Send for our 72 page Catalogue.



CORN—Sweet or Sugar.

Plant when weather becomes settled and warm, for there is no vegetable that is stunted so easily as corn. Plant in hills 3 feet apart each way, and thin out to 3 plants in a hill. One quart will plant about 200 hills; one peck to plant an acre in hills.

Mammoth White Cory—A great deal of thought and labor has been devoted to the improvement of Sweet Corn and we are pleased to be able to offer such a real improvement as this Mammoth White Cory. As early as the earliest, and no Extra Early Sweet Corn will compare with it in size. The ears are 12-rowed, fully twice the size of the old Cory, white clobbered and covered with very large white grains of good quality. No other Sweet Corn will find ready sale in a market which is supplied with Mammoth White Cory and the gardener who wishes to get the cream of the trade should make his plantings of this splendid variety. Qt. 25c., post-paid 30c.

"First of All" (Private Stock)—The great advantage it has over all other so-called "First of All" corn is that it has both a white kernel and a white cob, while all other "First of All" varieties have red kernel and red cob. The "First of All" is ready for the table from one week to ten days ahead of the Cory. The ear is of medium size, well filled with large grains to the very tip; contains 10 to 12 rows, while the Cory has only eight. Qt. 20c., post-paid, 25c; 4 qts. 65c; 8 qts. \$1.00.

Mammoth White Cory.

Kendel's Early Giant—This new and distinct variety of Sweet Corn combines more merit than any other variety in cultivation. The ears grow to a large size, measuring 8 to 10 in. long, and having 10 to 18 rows on each cob, the majority having 12 rows; kernels pure white, sweet and tender. Although not so early as our "First of All," we consider it an excellent variety to follow it as a second early. Qt. 25c, post-paid, 30c; 4 qts. 85c; 8 qts. \$1.50.

The following varieties: 20c. per qt., post-paid 25c; 4 qts. 60c. 8 qts. \$1. If by mail, postage must be added at the rate of 6c. per qt. for 4 and 8 qt. lots. Pint at quart rate.

Boston Market—The largest-eared early corn.

Shaker's Early—Early as Minnesota, but far larger ears.

White Cory, or Talbot's First and Best—The earliest of all sweet corn; cob and grain white and of fine flavor.

Mitchell's Extra Early (white flint)—The earliest corn in cultivation; ears 6 to 7 in. long, well filled; small cob. Well suited for Manitoba and Northwest Territories.

Pee & Kay Sweet—Second early; ears long and thick.

Stowell's Evergreen Sweet—Most popular late sweet variety grown.

Mammoth Sweet (Private Stock)—Late, large and sweet.

POP CORN.

It pays to raise Pop-corn as a general crop. It is a sure crop and the demand usually exceeds the supply. Some farmers claim that it is as easily grown as field corn and they receive three to four times the amount per acre for the crop. Let the children try a small patch anyway for home use.

New Striped Rice—This splendid variety is the result of a cross between the best White and Red varieties of Rice Pop-corn. The color is a clear translucent white and each kernel is beautifully striped with bright crimson. The ears are of good size, and well filled out; kernels are long and pointed, resembling rice. Early, very productive, and extremely tender when popped, bursting out very large, white as snow and of finest quality. All should try it. Per pkt. 5c.; pt. 10c; qt. 30c. post-paid 40c.

Improved White Rice—A grand sort, with good-sized ears, and beautiful white kernels that pop as white as snow. There is no variety we know of that will give as much satisfaction for popping as this one. Indispensable on account of the great beauty of its rich, snow-white ears. Qt. 20c., post-paid 30c.



HORSE RADISH

The best way to grow horseradish is from the little roots four to five inches in length, and not the crowns. These small roots will produce good radish fit for use in one season's growth. Plant the set small end down, so that the top will be in the ground until very late in the autumn and be pitted, or a portion can remain in the ground until the spring. A dozen will give all that is needed for family use for a lifetime. Doz. 25c.; 100 \$1.50, post-paid.

Solid Facts

We give more attention to the details of our business than any seedman we know of. What does this mean to our customers? Promptness and accuracy in filling orders.

KOHL RABI

Or Turnip-Rooted Cabbage—Sow seed and transplant the same as cabbage. One ounce will sow 150 feet of drill.

Early White Vienna—The earliest and best table variety. Pkt. 5c; oz. 20c; 2 ozs. 35c; ¼ lb. 60c; lb. \$2.00.

Large Late Purple Goliath—The largest of all; fine for feeding stock. Pkt. 5c; oz. 25c; 2 ozs. 40c; ¼ lb. 75c; lb. \$2.40.



MUSTARD

Sow at intervals through the spring in rows six inches apart, rather thick. Cut when two or three inches high.

White London—Used for salads. Oz. 10c; ½ lb. 15c; lb. 30c.

MINT.

Mentha—Generally preferred for culinary and medicinal purposes. The leaves or tops are used in spring salads, and eaten dried as sauce with lamb and in soups. For medicinal use cut just as the flowers appear. It should be cut in very dry weather. Roots, 5c. each; 50c. per dozen.

Correspondence

—We have endeavored to make everything as plain as possible in this Catalogue, but in case further information is desired, make your wants known in as few words as possible and on a separate sheet of paper from your order, giving your complete address.



Cole's Domestic Coffee Berry

THE BEST COFFEE SUBSTITUTE EVER DISCOVERED

We have sent out this article for the past four years with the greatest success, and all those who have tried it speak of it as one of the finest articles they ever grew. The flavor is mild, pleasant and agreeable, having the same fragrant and aromatic taste as our best imported coffee. Some who have tried it prefer it to our coffee of commerce. Others prefer to mix one-half or one-third of store coffee with Cole's Domestic Coffee, when they say it is impossible to distinguish the difference between coffee made of this mixture and our best imported coffee. It is entirely hardy in almost any climate, and can be raised for less than two cents per pound. Besides its great value as a substitute for coffee, it is a most valuable and nutritious food for fattening hogs and cattle. One bushel of these beans is said to contain more nutritious and fattening properties than two bushels of the best corn. Plant in rows 3 ft. apart; berries, 12 to 15 in. apart in the row, on good ordinary soil. Pkt. 5c; ¼ lb. 10c; lb. 25c, post-paid, 30c.



CHIVES.

We cannot too strongly recommend the growing of a few dozen Chives. When once planted they live forever. It is propagated by division of the root tufts, which should be set out in April or May, in rows of twelve inches, the sets being placed at four inches in the row. A few plants placed in the cellar will, as soon as brought to light, sprout and bear an abundance of greens for salads, of a strong onion flavor. Per 12, 20c; per 25, 30c; per 100 \$1.

GARLIC

Extensively used for flavoring soups, stews, etc. Plant sets in drills eight inches apart and four inches in the row. Cultivate like onions. When the tops are dry they are ready to gather. Bulbs, ¼ lb. 10c; lb. 25c; post-paid, 30c.

Garlic Tops—These are like small top onions in appearance and grow in the same way, one bulb from each. ½ pint, 15c; pint, 25c, post-paid.



Correspondence—We have endeavored as plain as possible in this Catalogue, but in case further information is desired, make wants known in as few words as possible and on a separate sheet from your order, GIVING YOUR COMPLETE ADDRESS.

GOURDS

The following four varieties will be found quite serviceable in any household. No one would think, without having tried them, of the many uses they can be put to. Cultivate as cucumbers, or they may be trained over lattice work or utilized to cover stumps or fences.

Japanese Nest-Egg—Grows almost uniformly to the size, color and shape of a hen's egg, although some vary in size from a pigeon's egg to a goose egg, and so exactly like an egg do they appear as to almost deceive anyone. The shells are hard and durable, and make the very best nest-eggs, as they do not crack. The largest ones, when sawed in two, make excellent pots for starting tomato, strawberry and other plants. Nest-Egg Gourd is a rapid and desirable climber, quickly covering old sheds or unsightly objects with mass of green foliage, thickly dotted with beautiful white eggs. Pkt. 5c; oz. 25c



NEST EGG GOURD.

Luffa, or Dish Cloth—The peculiar lining of this fruit, which is sponge-like, porous, tough, elastic, durable, makes a natural dish-cloth. The fruit grows about two feet in length, and the vine is very ornamental, producing large clusters of yellow blossoms, in pleasing contrast with the silvery-shaded dark green foliage. For the bath, and for the toilet in general, the "Dish-Rag Gourd" is taking the place of the sponge. It is, in fact, a sponge, soft brush, and a bath glove combined, and is almost indestructible. The seed should be started in a hotbed or in the house. Pkt. 5c; oz. 25c.

Dipper—Makes a more light and convenient dipper than can be bought, of various sizes; of a capacity of from a pint to a quart and a half, can be had from a few vines. Pkt. 5c; oz. 20c.

Sugar Trough—Very convenient for buckets, baskets, nest boxes, etc. Sometimes grow so large as to hold ten gallons each. Pkt. 5c; oz. 20c. One packet each of these four useful Gourds for 15c.

LEEK

Leek is reported more delicate than the onion for soups, etc. With good culture they may grown four or five inches in circumference. The leek should be more generally cultivated. One ounce will sow 100 feet of drill.

Broad Flag or London—A popular variety; hardy, and of good quality. Pkt. 5c; oz. 10c; 2 ozs. 15c; ¼ lb. 30c; lb. \$1.00.

Monstrous Carentan or Scotch Champion—Large size and very hardy; clear white and of very superior flavor. Pkt. 5c; oz. 15c; 2 oz. 25c; ¼ lb. 35c; lb. \$1.25.

We will give the smallest orders as prompt attention as the larger ones.

HANSON
LETTUCEDEFIANCE
LETTUCE

LETTUCE.

Sow early in the spring in a sheltered location. Plants can be kept in winter in cold frames for succession of crops. Sow at intervals every few weeks. One ounce will sow 150 feet of row.

Iceberg—There is no handsomer or more solid Cabbage Lettuce in cultivation; in fact, it is strikingly beautiful. The large, curly leaves which cover the outside of the solid heads are of a bright light green. The unusual solidity of heads is insured by the large, white main ribs of the leaves, each of which, curving strongly into the centre, acts like a truss, making it impossible for the leaves to open outward and expose the centre, which is consequently thoroughly blanched. It matters not whether in the early spring or hottest days of summer, the leaves are always crisp and tender. Pkt. 5c.; oz. 25c.; two oz. 40c.

Improved Hanson—None more reliable for out-door cultivation. In ground well manured and cultivated, the heads grow to a remarkable size, resembling that of a flat cabbage, and so slow to run to seed that it often fails to form a seed stock. The outer leaves are bright green, the inner leaves white and deliciously sweet, tender and crisp, free from any unpleasant bitter taste. The stock we offer is the same as that sold by us for many years, and from the fact that we never get any complaints from it, we judge it is unsurpassed and gives entire satisfaction. Pkt. 5c.; oz. 10c.; 1 lb. 30c.

Defiance Summer—Claimed by many to be a better Lettuce than Hanson. It is certainly unequalled for long standing, and one of the finest large-growing cabbage varieties. It forms very large, solid heads, so firm that they have to be cut open to allow the flower heads to come through when it is desired to have them go to seed. The leaves are a beautiful light green. Pkt. 5c.; oz. 15c.; 1 lb. 40c.

New Morse—This lettuce could hardly be called a hard-heading variety. The

outside leaves are of a bright green in color, and within are of a beautiful straw color; are exceedingly tender, crisp and juicy.

Pkt. 5c.;
oz. 25c.;
two oz.
40c

The following varieties:
Pkt. 5c.; oz. 15c.; 2 oz.
25c.; 1/4 lb. 40c; lb. \$1.50.

CALIFORNIA ALL-HEART.

California All-Heart—Very distinct, heading up like a cabbage and almost as solid; of a beautiful bright green shade, almost white and particularly rich and buttery in flavor. No praise is too high for its merits.

Wonderful—The color is a beautiful yellowish green, with just the slightest bronze tinge to the leaf; never bitter or unpleasant, no matter how large. It has a beautiful appearance; and stands longer than any other variety.

Golden Stonehead and Drumhead—A very early variety; very large, solid heads of fine quality.

The Rosedale, or Selected Early Ohio (Private stock)—A rapid grower; tender and sweet at all times.

Early Curled Simpson—A leading early market sort.

Improved Hanson—Very large head, crisp and tender; favorite market sort.

Barnell's White Cos—Largely grown in England.

Mixed Varieties—Best Cabbage and Curled varieties.

Our Excelsior Lawn Grass Seed will produce you a nice lawn in 8 weeks.

MARTYNIA.



This is quite ornamental in growth, quickly forming large bushes and bearing handsome Gloxinia-like flowers. When young and tender (test by pinching with the nail) the seed pods make excellent pickles, and as they are produced in great abundance a very few plants will suffice for an ordinary garden. Sow in May or June. It is well worth growing, as the large plants with their handsome pods attract great attention. Pkt. 5c.; oz. 25c.

MUSHROOMS.

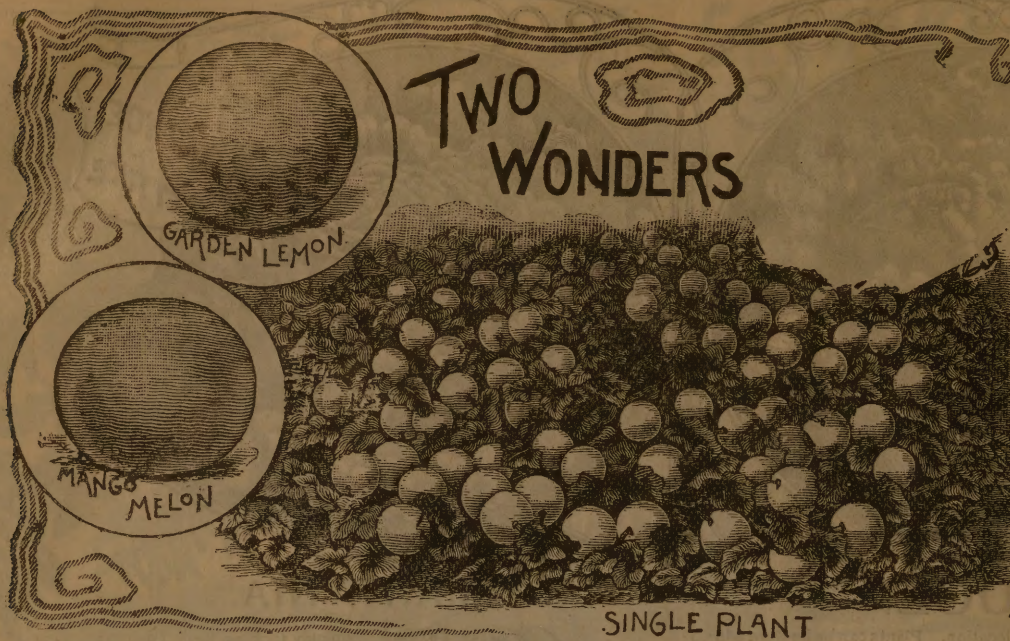
Mushrooms may be grown in cellars, under benches in greenhouses or in sheds, wherever the temperature of fifty degrees can be kept up through the winter. The beds should be made according to the time the mushrooms are wanted, and it requires about two months for them to begin bearing. Secure fresh stable manure, free from straw and litter, and mix in an equal bulk of loam from an old pasture with it. Keep this under cover, taking care to turn it every day to prevent heating, until the pile is large enough to make a bed of the required size. Three or four feet wide, eight inches deep, and any length desired, are the proper proportions for a bed; but these may be varied. Prepare the mixture of loam and manure, making the bed in layers and pounding down each with the back of the spade. Leave this to heat through for a few days, and as soon as the heat subsides to 80 degrees make holes in the bed about a foot apart each way, into which put pieces of the spawn, two or three inches in diameter; fill up the holes with the compost and at the expiration of a week or ten days the spawn will have thoroughly diffused itself through the bed. Spread a layer of fresh soil over the heap to the depth of two inches and cover with three or four inches of hay, straw or litter. Examine the bed often to see that it does not get dry. Take special care, however, when water is given, that it be at a temperature of 80 degrees.

English Spawn, per brick, 25c.; five for \$1, post-paid. By express, five for 70c.; ten for \$1.20.

French Spawn, per lb. 50c.; 2-lb. \$1.00 post-paid.

To every purchaser of Mushroom Spawn our Treatise on Mushroom Culture Free.





MANGO MELON OR VEGETABLE PEACH

Another splendid novelty of late introduction, very striking in color, most wonderful yielder. Vines are somewhat smaller than the musk melon vine, though requiring same cultivation. Fruit is about the size of an orange, orange-shaped, and a bright orange color, somewhat russeted. For sweet pickles, pies or preserving, they are splendid. In the west and northwest, where fruit is scarce, they are rapidly becoming popular, as they are easily cultivated, enormously productive and can be used in every way as the peach, except that they are not quite as sweet. You will certainly be pleased with it. **Pkt. 5c.; oz. 15c.**



MELON—MUSK.

The melon, being of a tropical origin, comes to perfection only in a warm temperature. For the north it is advisable to secure early varieties. A poor, sandy soil will ripen them well, but they should be planted in well enriched hills. One ounce of seed will plant 100 hills, 3 lbs. to an acre.

Paul Rose—In size the "PAUL ROSE" ranks with well grown specimens of netted gem, average melons having a diameter of $4\frac{1}{4}$ to $5\frac{1}{4}$ inches with a thickness of flesh of $1\frac{1}{8}$ inches, leaving a remarkably small seed cavity. The color of its beautiful netting is gray, which is underlaid by the dark green rind which characterizes the Osage, and shows plainly in the creases of the Paul Rose, producing a strikingly beautiful appearance unparalleled by any other melon. **Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 35c.**

Livingston's Tiptop—It stands at the very tiptop for quality. Every fruit produced is a good one—sweet, juicy, finest flavor, firm; edible to the very outside coating. **Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 20c.**

The following varieties—**Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 20c.; lb. 65c.**

Southern Beauty—Of the most delicious flavor, remarkably free from rot. Will remain firm and sound for at least ten days after they have first ripened. Very prolific, more so than any other cantaloupe we have ever tried.

The Osage, or Miller's Cream—Extremely early; large size; color, salmon; very productive, and unexcelled for shipping purposes.

Montreal Market (Green Nutmeg)—Large, nearly round; netted; flesh thick.

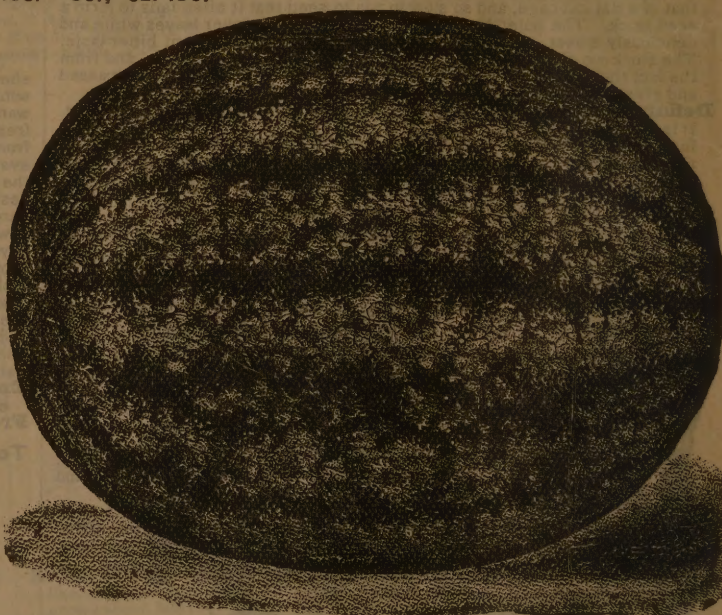
Jersey Belle—Largest of all the extra early sorts; beautiful green flesh, deeply ribbed, heavily netted, of exquisite quality.

Mixed Varieties—This is a mixture composed of the very best green and yellow fleshed varieties grown.

The Two Wonders—Mango Melon and Vine Peach; try them.

GARDEN LEMON

Certainly one of the greatest novelties of recent introduction. Resembles vine peach in manner of growth, but is distinct in that the unripe fruit is striped with very dark green spots, nearly black, and when ripe is not russeted like the vine peach. Fruit a trifle smaller than vine peach. Has a finer flesh and most desirable acid flavor, thus dispensing with sliced lemon, which is so important in putting up they vine peach. Unexcelled for general canning purposes. Cultivate similar to musk melons, in hills three or four feet apart each way. It is such an enormous yielder that it will prove a very profitable crop to grow for market purposes, and will give unbounded satisfaction for all families. **Pkt. 5c.; oz. 15c.**



MELON—WATER.

Although the finest Melons are produced on light, sandy comparatively poor soil, a vigorous start for the young plant is necessary, and for this we need a hill of rich earth, similar to that for cucumbers. One ounce to plant about 40 hills; **McIvar's Sugar**—Of handsome appearance. The quality is very superior; the flesh is of a soft pale pink, crisp, free from stringiness, juicy, and of luscious sweetness. **Pkt. 5c.; oz. 15c.; 2 oz. 25c.; $\frac{1}{4}$ lb. 40c.**

Nabob—Weight, 30 to 50 lbs.; flesh, deep scarlet, sweet and luscious; of magnificent keeping qualities, remaining in an edible condition for an unusually long time. An excellent shipper, and very attractive as a market melon. **Pkt. 5c.; oz. 15c.; 2 oz. 25c.; $\frac{1}{4}$ lb. 40c.**

The following varieties—**Pkt. 5c.; oz. 10c.; 2 oz. 15c.; $\frac{1}{4}$ lb. 20c.; lb. 65c.**

Duke Jones—Very productive; also very early in maturing, ripe melons being picked 67 days from date of planting seed. Flesh, deep crimson, very crisp and sweet. It averages very large, and has no superior in flavor.

Stoke's Early—Extra early; dark green skin, slightly mottled with white.

Mountain Sweet—An old favorite; oblong in shape; flesh, red and sweet.

Mixed Varieties—This mixture contains some of the best varieties in cultivation, averaging as high as 30 to 50 lbs. in weight.

Up-to-Date

YELLOW GLOBE
DANVERS ONION

Reliable Onion Seed

One of the most important crops grown, both in market and family gardens, and there is no other vegetable where the quality of the seed exerts a greater influence upon the crop than in onions. There is more money in onions grown from seed than almost any other crop. Good onion seed is of the utmost importance. Fully realizing this, we have for many years made a specialty of on seed which is all grown from choice, selected bulbs, critically examined before being set out for seed. In vitality it is very strong, being carefully tested. Sowing seed to produce large onions is the cheapest, easiest, best, and most satisfactory way. Large onions can easily be grown the first year from the seed by obtaining our seed, which is either grown by ourselves or by competent growers especially for us, and is all new crop. It won't pay you to use the cheap, imported or southern grown seeds, which produce a large proportion of scullions and onions that will not keep well. Poor seed, even as a gift, is the dearest the planter can use. We want you to try our seed, and have therefore put the price down to as low a rate as good, reliable seed can be sold for.

WARNING! There is every year a large quantity of cheap onion seeds being offered, which is grown under contract in California, it is offered at very low price, but we warn you to beware of it. Good, first-class onion seed cannot be sold at less than our price, and we don't believe our customers want to trust California grown goods.

"Up-to-Date" Yellow Globe Danvers.

—Proved the best onion in the world—This is the most perfect type of the globe shaped Onion ever offered. We have been years in perfecting this strain, carefully selecting the most perfect type of bulbs for seed stock, so we have an Onion entirely different from the ordinary Yellow Globe Danvers. It ripens early, has a very small neck, the entire crop dying down at one time. It is an immense cropper and will yield more marketable onions to the acre than any strain we are acquainted with. Of fine, symmetrical shape, large size, average specimens weighing from one to two pounds each. The bulbs are very choice, finely grained, exceptionally mild and very early. It is a grand, magnificent keeper. In many sections it will find ready sale at much higher prices than any other variety. This strain is now as near to perfection as an onion can be brought, and as it costs us twice as much to produce this seed as we can buy ordinary Eastern-grown seed for, we cannot sell it as cheap as ordinary stock. We have a good thing in onion seed, and we know it; if you buy some, you will know it. Pkt. 5c; oz. 25c; 2 oz. 45c.; ¼ lb. 80c; lb. \$3.

MARKET
Gardeners
and others

requiring five lbs.
or more Onion Seed
will please write us
for special prices.

Yellow Globe Danvers (Private stock)—Our superior strain of this variety is unsurpassed, it having taken first prizes wherever exhibited. Grown under our own supervision, we can guarantee the quality as much superior to Eastern or California grown seed. Pkt. 5c; oz. 20c; 2 ozs. 35c; ¼ lb. 60c; lb. \$2.00.

Yellow Globe Danvers (Ordinary stock)—Eastern-grown seed of the best germinating quality. Pkt. 5c; oz. 15c; 2 ozs. 25c; ¼ lb. 35c; lb. \$1.25.

Selected Large Red Globe—For many years this most valuable variety has commanded the highest price in many markets, because of its beautiful shape and color. This variety is of medium size just right, in fact, for all purposes; spherical, with small neck, very rich red color and of the most superior quality. Pkt. 5c; oz. 20c; 2 oz. 35c; ¼ lb. 60c; lb. \$2.00.

Large White Globe—A large globe-shaped onion; firm, fine-grained, very mild flavor; keeps well. This is one of the handsomest onions grown, of beautiful shape, clear, white skin and commands the highest price. **Selected stock seed of my own growth.** Pkt. 5c; oz. 30c; 2 oz. 50c; ¼ lb. 90c; lb. \$3.00.

Extra Early New Queen—A silver skinned variety, of quick growth and remarkable keeping qualities. If sown in early spring it will produce onions one to two inches in diameter early in summer;



if sown in July will, with favorable weather, be ready to pull late in autumn, and be sound and fit for use the following summer. Particularly valuable for pickles. If sown thickly they will mature perfect hard onions from one-half to three-quarters of an inch in diameter. Pkt. 5c; oz. 25c; 2 oz. 45c.; ¼ lb. 75c.; lb. \$2.75.

Extra Early Red—A favorite early variety of fine shape. Always a good yielder and magnificent keeper. It is of the most excellent quality; there is no red onion that realizes such large prices in market, its beautiful shape and rich purplish-crimson color making it extremely attractive and desirable for all general purposes. **Selected stock seed.** Pkt. 5c; oz. 15c; 2 oz. 25c.; ¼ lb. 40c; lb. \$1.50.

Large Red Wethersfield—The greatest of all Red Onions. There are many strains of this justly celebrated onion. Grows to an immense size, 1½ and 2½ pound onions from seed the first year are of frequent occurrence. A magnificent keeper. An enormous yielder. Its shape is well shown in illustration. In color the skin is a deep rich purplish red, while the flesh is of a beautiful white, finely grained and of good flavor. Pkt. 5c.; oz. 15c.; 2 oz. 25c.; ¼ lb. 40c.; lb. \$1.40.

Extra Early Barletta—This distinct variety is the very earliest onion in cultivation. Of a pure paper white color, very mild and delicate in flavor; from one inch to one and one-half inches in diameter, and three-fourths of an inch in thickness, its extreme earliness makes it very valuable for early table use as well as bunch onions for market. At maturity the tops die down directly to the bulb, leaving the neatest and most handsome little bulbs imaginable which are exceedingly valuable for pickling purposes. Its extreme earliness and fine quality cannot fail to make it a favorite onion in every garden. Pkt. 5c.; oz. 25c.; 2 oz. 40c.; ¼ lb. 75c.; lb. \$2.75.

Selected Yellow Strasburg or Dutch—Bulbs are quite flat and of good size, skin yellow, of darker color than the Danvers, flesh white, of mild flavor, keep well. It is valuable alike for family and market purposes. A great yielder and splendid keeper. Pkt. 5c; oz. 15c; 2 oz. 25c; ¼ lb. 35c; lb. \$1.20.



EXTRA EARLY NEW QUEEN.



RED WETHERSFIELD.

Silver Skin Pickling—A very small white variety for pickling. Pkt. 5c; oz. 25c; 2 ozs. 40c; ¼ lb. 70c; lb. \$2.40.

Important.

We will be pleased to make Special Prices to Planters and Gardeners who are in the market for large quantities of Onions and other seeds, also seed drills, etc., if they will mail us a list of their requirements stating quantities they are in need of.

You are entitled to a Discount on your order, see top of Order Sheet.

NEW FOREIGN OR ITALIAN ONIONS

Milder in flavor than the American varieties, and well adapted for market or home use. In order to get very large onions the first season, start the seed in February, either in the greenhouse, hotbed, or in the house in boxes, and transplant in open ground as early as they can be set out, about six inches apart in row.

Spanish King, or Prize-Taker

(Genuine Stock)—The handsomest Yellow Globe onion. This is the large, beautiful onion that is seen every fall on sale at the fruit and grocers stores in the large cities. The outer skin is a rich yellow color, while the flesh is white, sweet, mild and tender. The Prize-taker grows always to a perfect globe shape. The necks are very small, and the onions always ripen up hard. The flavor is mild and delicate, making it a favorite for slicing for salads. It is of immense size, measuring from 12 to 16 inches in circumference, while under special cultivation specimen bulbs have been raised to weigh from 4 to 6 pounds each. In order to get the largest onions and the best results, the seed should be sown very early in the house or hotbed, and transplanted out in the open ground. We do not dispute of their being grown 4 to 5 pounds each the first season from seed in some localities (as advertised by some houses), but our own repeated trials prove conclusively to us that it cannot be done in this part of the country unless sown as directed above. The same applies to all other sorts of Italian onions. *Genuine Prize-taker cannot be offered at less price than the following:* Pkt. 5c; oz. 20c; 2 oz. 35c; ¼ lb. 60c; lb. \$2.

Giant Rocca—Grows to a large size; skin brown of fine flavor. Pkt. 5c; oz. 20c; 2 ozs. 30c; ¼ lb. 50c; lb. \$1.75.

Mammoth Red Victoria—Of handsome globe shape; skin very dark, almost blood-red in color; flesh white; flavor very mild and sweet. Pkt. 5c; oz. 20c; 2 oz 35c; ¼ lb. 60c; lb. \$2.25c.

Mammoth Silver King—Attractive form, flattened, but thick through. Single bulbs often attain weights of from two and one-half to four pounds each. The skin and flesh are white, and of a particularly mild and pleasant flavor. Matures early and is of uniformly large size and perfect form, and will bring a large price in the market. Pkt. 5c; oz. 25c; 2 ozs. 40c; ¼ lb. 70c; lb. \$2.40.

FOUR GIANTS

One packet each of

THE MAMMOTH PRIZE-TAKER,
GIANT ROCCA,
RED VICTORIA, and
SILVER KING,

for only 15 cents.

Try them.

Genuine Stock.

Finest Crown.



18
ONIONS
FILLED
HALF-
BUSHEL
BASKET.

ONION SETS AND TOPS

We advise all (unless they are experts, and know the difference in the different varieties of onions) to send direct to the seedsmen for their wants.



Rosedale Sets (from photo).

Rosedale Yellow Dutch Sets

Acknowledged by all who have tried them as the finest strain of Dutch Sets offered, being uniform in size, good shape and color, and sure to produce onions of good flavor and cooking quality. We have made a specialty of the "Rosedale Strain" for a number of years, and every year increasing sales prove how they have gained in popular favor, our supply being exhausted far before the season is over. The best evidence of their popularity is the fact that we dispose of them to market gardeners year after year, who pronounce one bushel equal to two bushels of ordinary Dutch Sets. Qt. 30c; 2 qts. 55c; 4 qts. \$1, post-paid.

BOTTOM ONION SETS



POTATO ONION SETS



Dutch Sets (Ordinary Stock)—Qt. 25c; 4 qts. 80c, post-paid.

Top or Bottom—Grown only from bulbs. Qt. 30c; 4 qts. \$1, post-paid.

English Potato—Very mild. Qt. 25c; 2 qts. 45c, post-paid.

Shallots—Used for pulling early. Qt. 25c; 2 qts. 45c., post-paid.

English Multipliers—For green onions; similar to shallots, but milder in flavor. Qt. 25c; 2 qts. 45c, post-paid.

Perennial Tree Onion—For fall planting; producing green onions before any other variety. Qt. 20c; 2 qts. 35c, post-paid.

The above prices are subject to market fluctuation.

Our "Rosedale" Dutch Sets are always 1st Class, and our Stock this year is even better.



PEARCE'S ECLIPSE.

PEAS

weather and yield better than those sown thin.

Peas require good ground, enriched with well-rotted manure; fresh manure is injurious. They are usually sown in double drills—that is, two drills eight inches apart; by so doing, one row of sticks will serve for two rows of peas. The space between the double drill may be about three feet or less, according to height of the peas. Sow early sorts rather thick, as they will withstand dry weather and yield better than those sown thin. One quart will sow 100 feet of drill.

Pint at qt. rate, half peck at peck rate, at purchaser's expense

Pearce's Eclipse—This is a grand new blue dwarf pea. It is extremely dwarf, growing 15 inches, and literally fills itself with large pods, ripening evenly and of excellent flavor. It is very early, testing in 46 days. When once tried, no other dwarf sort will be grown.

Its strong points are its delicious richness of flavor, extreme earliness, its dwarf habit, needing no brushing, and its large-sized pod. One of its distinctive features is its unusually regular habit of growth. Is of uniform height, so smooth and level in its growth that a row resembles a well-kept hedge. It is also a magnificent variety for market gardeners to grow as the pods are large, fill up a bushel quickly and bring a fine price in market. **Qt. 35c., post-paid, 45c.; pk. \$2.00,** by freight or express at purchaser's expense.



EXTRA EARLY VARIETIES:

"Electric" Extra Early—This is a variety of the green-seeded Alaska type, but a great improvement, being much earlier than the Alaska, and bearing larger pods. The vines grow from 2½ to 3 feet high and are literally loaded down with pods, which are crowded with the large peas, closely shouldered in pod. It is very uniform in growth, and usually produces pods containing eight peas. The quality is excellent, remaining tender until fully matured. It has all the requisites of a first-class Pea, and the beautiful dark green color of the pods adds greatly to their selling quality. Being hardy, the seed can be planted as early in Spring as the ground can be worked. **Qt. 30c.; peck \$1.50; post-paid 40c.**

Pearce's Little Giant—Ready for table in 45 days from time of sowing. As early as American Wonder, better filled, larger pods, and more of them. They are a very distinct variety; early, hardy, productive and extra fine quality. **Qt. 30c., post-paid, 40c.; peck, \$1.75.**

William Hurst—Of handsome dwarf growth. Vines 8 to 10 inches high; stalky and very prolific. The cineter-shaped pods average three inches long, and are well filled with large peas, each pod containing 6 to 8 peas. **Qt. 25c., post-paid, 35c.; peck (15 lbs.), \$1.50.**

First and Best—Very early, prolific and uniform in ripening; ht. two feet. **Qt. 20c., post-paid, 30c.; peck, \$1.00.**

American Wonder—Extra early; productive, of fine flavor. **Qt. 35c., post-paid, 45c.; peck, \$1.50.**

Carter's Premium or Improved Little Gem (Private Stock)—Pods long and well filled; finest flavor. **Qt. 25c., post-paid, 35c.; peck, \$1.25.**

EARLY AND MEDIUM VARIETIES:

New Heroine—Far superior to all other varieties of peas, and it combines quantity and quality in a degree possessed by no other variety; medium early green wrinkled pea, grows uniformly about 2½ feet high, and is literally covered with its long, heavy, pointed pods; in fact, so striking and distinct is this variety, that it would be picked out at once in a field of 100 other varieties. The quality of this pea is simply perfection—that rich, buttery, marrowlike flavor for which the peas grown in the gardens of Old England are celebrated. **Qt., 20c., post-paid, 30c.; peck, \$1.25.**

McLean's Advancer—A fine standard sort, of excellent quality; productive; two feet. **Qt. 25c., post-paid, 35c.; peck, \$1.25.**

The Queen—Pods long, green, slightly curved. The peas are large, oval, deep green, and of a delicious flavor when cooked. From 2 to 2½ feet in height. **Qt. 30c., post-paid, 40c.; peck, \$1.75.**

Yorkshire Hero—Fine main crop sort; prolific and fine flavor; 2½ ft. **Qt. 25c., post-paid 35c.; peck, \$1.25.**

MAIN AND LATE CROP VARIETIES:

Improved Forty-fold—Of robust habit; a wrinkled marrow, with handsome dark green pods; a great cropper, and a continuous bearer; its hardy constitution renders it very valuable as a late variety; pods long and straight, containing eight to ten dark green, rich-flavored peas. For quality, productiveness and robust habit we can recommend it to any grower of wrinkled peas. **Qt. 20c., post-paid, 30c.; peck, \$1.25.**

Champion of England—A well-known standard sort; sow thick; height, 5 feet. **Qt. 20c., post-paid, 30c.; peck, 90c.**

Dwarf Sugar Edible Pods—The pods and peas are cooked and eaten together like green beans; ht. 1½ ft. **Pint, 30c.; post-paid, 35c.**

Those marked * are Wrinkled Marrows, and, unless otherwise stated, should be sown thicker than the Round Peas, and not till the ground has become warm, as they are more liable to rot; they are the finest flavored of all Peas.

Your Seeds Free!

Every one hundredth order received this year be it for 25c. or \$25, will be sent absolutely, free. Try it! Remit the full amount of your order, and if you are the lucky One Hundredth your seeds free and MONEY RETURNED.

Remember our prices are as low as First-class Seed can be sold.

PUMPKIN.

Plant 1st of May in hills eight feet apart.

Hundredweight—For some time past this pumpkin has been selected, until now it will surpass in size every other known variety. Specimens weighing 200 to 250 lbs. are not unusual. It is of the finest quality, flesh fine grained and bright yellow. As is well known, there are very few more seeds in these big pumpkins than in the smaller ones, consequently seed of Hundredweight scarce. **Pkt. 10c.; oz. 50c.**

King of the Mammoth.

Also called *Genuine Mammoth, Large Yellow Mammoth, True Fotiron, Mammoth \$50 Pumpkin*, and the *Jumbo Pumpkin*, and the great demand for the seed explains the reason for the multitude of names given to it. The flesh and skin are of a bright golden color, fine grained and of excellent quality; it grows to an enormous size, 3 feet or more in diameter, and 100 to 200 lbs. or more in weight. **Pkt. 10c.; oz. 20c.; two ozs. 35c.; 1 lb. 50c.**

Globe Mammoth

An improvement on the large yellow pumpkin, producing a fruit of enormous size, almost spherical in shape. The flesh is very thick, of a rich yellow color, and of delicious flavor. Ranks foremost in size and quality. **Pkt. 5c.; oz. 25c.**

Common Yellow Field—Standard yellow field variety, used almost exclusively for stock. **Qt. 25c., post-paid, 30c.**

The following varieties—**Pkt. 5c.; oz. 10c.; 2 ozs. 15c.; 1 lb. 20c.**

Japanese Pie—Fine for pies, flesh thick, fine grained, dry and sweet; ripen early, excellent keepers. [finely netted like musk melon.]

Winter Luxury—9 to 10 ins. diameter; beautiful yellow or straw color;

Etampes Mammoth Red—Skin smooth; thick meat; good quality.

Calhoun—Deep salmon yellow; fine grained, and of the best quality.

Golden Oblong—Orange skin, light yellow flesh; fine quality, good keeper.

Mixed Varieties—Representing all the best well-known varieties.





PEPPER

Should be sown early, to be ready for transplanting when the weather becomes warm. Select light, warm ground; plant 10 in. apart, and keep well hoed; hen or other bird manure, hoed in with the earth when the plants are 6 in. high, will greatly increase the product.

Procop's Giant—This is the largest of all peppers; some grown fully 9 in. in length and 2½ in. thick, being glossy, scarlet and mild. Pkt. 5c.; oz. 40c.

Long Red—7—Long, tapering, sharp-pointed fruit, six inches long, and of a deep, glossy scarlet color. Fruit is very fiery, and is superior as flavoring for piccalilly, chow-chow, etc. Pkt. 5c.; oz. 30c.

Ruby King—3—An improved American sort, reaching the largest size yet retaining the symmetrical shape of the smaller sorts. It is very bright colored, temptingly sweet and mild flavored, and one of the best for stuffed pickles. Pkt. 5c.; oz. 40c.

Coral Gem Bouquet—8—The illustration above fails to do justice to this beautiful little variety. It is impossible in an engraving to show how completely covered are the little plants with hundreds of the small bright red Peppers. The single fruit illustrated is of natural size and so thickly set on the dwarf pants as to give each plant the appearance of a "Bouquet of Corals." As a potted plant for Florists it has proven a most rapid-selling article. Pkt. 5c.; oz. 30c.

Large Bell or Bull Nose—6—A very large sort of inverted bell shape, suitable for filling or for mixed pickle. Flesh, thick and less pungent than most other sorts. Pkt. 5c.; oz. 30c.

Celestial—5—Rare novelty from China so beautiful that it deserves a place in every garden. The plant starts to bear early and continues until frosts. Up to the time they are fully ripe the Peppers are of a delicate creamy yellow color, then suddenly change to an intense vivid scarlet, carried upright. Superior quality, fair size, clear, sharp flavor. Valuable for pickles and pepper sauce. Pkt. 5c.; oz. 30c.

Red Chili—4—Used in the manufacture of pepper sauce. Pods sharply conical, and exceedingly pungent when ripe. Requires a long, warm season. The plants should be started quite early in hot-bed. Pkt. 5c.; oz. 30c.

Sweet Mountain—10—Plants very vigorous and productive, growing upright, with moderately large leaves. Fruit very large, long, often eight inches or more in length, by two or three in diameter, very smooth and handsome, being, when green, of a bright, deep green color, entirely free from any purple tinge, and when matured, of a rich red. Flesh very thick, sweet and mild flavored. Well suited to use as a stuffed pickle. Pkt. 5c.; oz. 30c.

Long Red Cayenne—9—A long, slim pointed pod, and when ripe of a bright red color. Extremely strong and pungent. Pkt. 5c.; oz. 30c.

Finest Mixed Peppers—The above and many other valuable Peppers in choicest mixture. Pkt. 5c.; oz. 30c.

Peanuts are Easily Grown.

"That's the way I grow Peanuts," remarked Sheriff Cameron, of our city, holding up a beautiful bunch representing half a bushel grown by him the past season under most unfavorable circumstances.

You Can Do the Same--Why not Try?

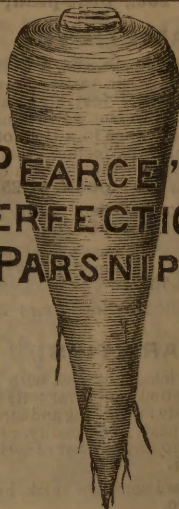
PEANUTS.

The Savatilla—Every boy, every girl, and almost every person, likes peanuts. They are nutritious, palatable and pleasant eating, and if rightly understood, can be as easily raised as cabbage or potatoes. Much more productive than the common variety, but more easily raised, ripen earlier, and far better for eating purposes. The Savatilla Peanut is a beautiful red variety; strong,

hardy and vigorous growing vines, standing up straight and producing the most luscious nuts in abundance; the nuts large, fine, and each nut contains 3 to 4 fine fat kernels of a rich and pleasant flavor. A few short rows planted in the garden or field will produce nuts enough to supply a family all winter. Directions for growing will be printed on each pkt.

Large pkt. 5c.; 3 pkts. 10c.; ½ lb. 25c.; lb. 75c. post-paid.

PEARCE'S PERFECTION PARSNIP.



PARSNIP.

One ounce will sow about 200 feet of drill.

Improved Hollow Crowned—A great cropper; fine flavored, and considered one of the best for general cultivation. Pkt. 5c.; oz. 10c.; 2 oz. 15c.; ¼ lb. 20c.; lb. 50c.

Pearce's Perfection—The roots grow broader at the shoulder than the Long Smooth; of fine texture and excellent flavor. Pkt. 5c.; oz. 10c.; 2 oz. 15c.; ¼ lb. 20c.; lb. 60c.

You Have A Chance!

Every One Hundredth Order received this year sent Free and YOUR MONEY RETURNED.

PARSLEY

Sow as early in the spring as the ground can be worked. One oz. will sow 150 feet of drill.

The following varieties—Pkt. 5c.; oz. 10c.; 2 ozs. 15c.; ¼ lb. 25c.

Taber's Exquisite—Dwarf, curled, dark green; finest market gardeners' sort.

Carter's Fern-leaved—Extensively used for garnishing; leaves resembling a fern.

Champion Moss Curled—Very popular in England; leaves crimped and curled.



PARSLEY.

Our Motto for Filling Orders is: "Quick as Lightning."

Seed Potatoes

Carefully grown by ourselves or by reliable Potato experts on special contract for us. We do not ship Potatoes until all danger from frost is past, unless a customer wishes to take the risk.

PLEASE NOTE—The prices of Seed Potatoes are subject to market changes and stock unsold. At peck and bushel prices the purchaser pays the freight or express charges. New bags and barrels free with Potatoes only. If any other variety is wanted, write us and we will endeavor to get it for you. In ordering, please state whether to ship by freight or express.

The Bovee—The reports received proclaim this to be a *Wonderful introduction among early potatoes*. Not only is it the earliest, but it takes a leading place among the heavy cropping varieties, an *unusual thing among first earliest*. It is even earlier than *Early Ohio*, and compares favorably with *Triumph*. a light cropping variety that has only extreme earliness to recommend it, it has *outyielded* even the late varieties, including such heavy cropping kinds as *Carman No. 1*, *Empire State*, *Rural New Yorker No. 2*, *Irish Daisy*, *Maggie Murphy*, *Great Divide* and others. The vine is dwarf and stocky, and the tubers grow remarkably close, all bunched together in the hill close up to the vine. (See cut) They size up to a marketable size more evenly than any potato we ever saw none too large or too small; practically the whole crop being merchantable. **Lb. 25c.; 3 lb. 60c.; peck 75c.; bush. \$2.**



THE NEW POTATO THE BOVEE.

Uncle Sam—Without hesitation, we predict that "Uncle Sam" will outdistance all competitors, as it possesses in a marked degree more desirable qualities than any other potato. Its cropping qualities are phenomenal, and we believe it to be the heaviest yielding potato known.

Aside from its productiveness, which is largely attributable to the uniform size of the potatoes, nearly all sizing up alike, none too large and few too small, its crowning merit is its *superb cooking qualities* which will ultimately place "Uncle Sam" on every table where quality in potatoes is appreciated. **Lb. 25c.; 3 lb. 60c.; peck 75c.; bush. \$2.**

Early Michigan—No praise is too strong for the Early Michigan Potato. This new seedling is, without doubt, the coming extra early potato. It is about one week earlier than the Early Ohio, of far better quality, and, planted beside that well-known variety, will outyield it three to one. When dug, they are white, making them the market gardener's most valuable variety. The flesh is snow-white, and in point of flavor does not suffer by comparison with that old standard of quality, the Snowflake. This is, without doubt, the most valuable extra early variety in cultivation, far excelling all others which we have grown. **Lb. 25c.; 3 lb. 60c. post-paid; bush. \$2.00.**

World's Fair—A grand potato. With us it is a heavy yielder, a strong, rank grower, and on good, rich soil, is as near perfection as a potato can be. It is beautiful in appearance, very smooth, eyes few and right on the surface, so that there is the least waste in paring, symmetrical in form and outline, with a creamy white skin all covered with netting, fine grained, mealy, delicious; a remarkably strong grower, with very thick, bushy tops and fine leaves; tubers, good sized and numerous in the hill and near the surface; season, medium. **Lb. 20c.; 3 lb. 50c. post-paid; bush. \$1.50.**

Maule's Early Thoroughbred—Perfection at last attained. As fine flavor as the Freeman. As great a cropper as the Daisy, and as early as Early Ohio. Besides being so early, is of handsome appearance, superb quality and an enormous yielder; in fact, all who have tried it consider it a perfect potato. **Lb. 25c. post-paid; peck 75c.; bush. \$2.**

The Banner—Strong points claimed for the Banner are in brief as follows: None surpass, if indeed equal, it in uniform, handsome appearance. Its slight russet skin is of a light cream-white color. The eyes are not abundant, and very shallow, thus securing economy in paring. The size is large and desirable, very few being under market size. The yielding qualities are of the highest order. In quality none surpass it, not even the old Snowflake. **Lb. 25c.; 3 lb. 50c. post-paid; peck 50c.; bush. \$1.50.**

American Wonder—Tubers are white, large and uniform in size; elongated; slightly compressed, with few eyes, that are nearly flush with the surface. In quality, nothing can surpass this superb variety; either baked or boiled it is dry and floury, and has the rich, sweet flavor that is so marked in the Snowflake. **Lb. 15c.; 3 lb. 40c. post-paid; peck, 40c.; bush. \$1.25.**

Early Norther—This new variety is a good addition to the standard varieties, and is a seedling from the Early Rose, which it resembles in shape and color. Being of strong, vigorous habit of growth, fine eating quality, and so great a yielder, we feel confident of its becoming a leading variety. **Lb. 20c.; 3 lb. 50c. post-paid; peck 50c.; bush. \$1.50.**

Extra Early Six Weeks—Evidently a seedling of Early Ohio, which it very closely resembles in every way. It probably is "new blood" Early Ohio. **Lb. 20c.; 3 lbs. 50c. post-paid; peck 50c.; bush. 1.50.**

Carman No. 3—Eyes are very shallow, and but few in number. It is of the shapeliest form, and even in droughty seasons its perfect shape is retained. It bears its tubers very close to the plant, a single turn of the fork turning out every potato. It is a perfect keeper. Both skin and flesh are of extreme whiteness. **Lb. 25c.; 3 lb. 50c. post-paid; peck 60c.; bush. \$2.**

Carman No. 1—The quality is perfect, the flesh exceptionally white, the shape all that can be desired, with few and shallow eyes. It is an enormous producer and the proportion of small tubers exceptionally small. This variety is a seedling raised by E. S. Carman, the originator of Rural New Yorker No. 2. **Lb. 20c.; 3 lb. 45c. post-paid; peck 50c.; bush. \$1.25.**

Ohio Junior—Closely resembling its parent the early Ohio. A good keeper and of excellent quality. **Peck 40c.; bush. \$1.50.**

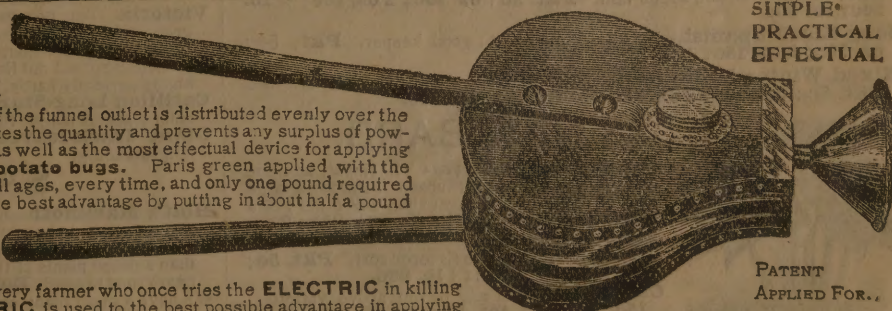
Early Rose—(Genuine Old Early Rose)—Secure a new start of this variety while we have it. **Peck 40c.; bush. \$1.50.**

Also the following well-known varieties at the uniform price of: **Peck 40c.; bush. \$1.25.**

Clark's No. 1, Burpee's Extra Early, Lee's Early Favorite, Van Orman's Earliest and Rural New Yorker.

Electric Insect Exterminator.

Put the powder into the machine through the opening in the side. Work the handles, when the powder is discharged by the force of the air, and by means of the funnel outlet is distributed evenly over the plant. A perforated tube on inside of machine regulates the quantity and prevents any surplus of powder being discharged. By far the most economical as well as the most effectual device for applying Paris green, and with so little labor. **Death on potato bugs.** Paris green applied with the **ELECTRIC** will knock them stiff, all sizes and all ages, every time, and only one pound required for an acre of potato vines. This machine works to the best advantage by putting in about half a pound of powder at a time. Experience has proven that Paris green applied in its pure, unadulterated state does not injure the vines, and is far more effectual than when mixed with plaster or any other substance and with the **ELECTRIC** it is done so easily. Every farmer who once tries the **ELECTRIC** in killing potato bugs will never do without it. The **ELECTRIC** is used to the best possible advantage in applying insect powders of all kinds. **\$1.25, post-paid.**



SIMPLE
PRACTICAL
EFFECTUAL

PATENT
APPLIED FOR.

Thomas Bail says: "Paris Greened two acres of potatoes after 9 o'clock at night."

RADISH.

For early use, sow in spring as soon as the ground can be worked, and continue sowing every two weeks throughout the season for a succession. One ounce will sow 100 feet of drill.

Sutton's Rosy Gem—Globular in shape, with deep, rich scarlet top, blending into pure white at the bottom; very early, and a handsome market sort. Pkt. 5c; oz. 10c; 2 oz. 15c; ¼ lb. 25c; 1 lb. 75c.

The following varieties—Pkt. 5c; oz. 10c; 2 oz. 15c; ¼ lb. 20c; 1 lb. 50c.

Long White Strassburg or Hospital.

A white variety large and showy half long in shape. It matures quickly, sometimes in six weeks, and holds its table qualities well. Brittle and tender and possesses the most desirable character of retaining its crispness even after the roots are old and large: most excellent for summer use.

Early White Olive-shaped.—Skin and flesh white; mild and tender.

Long Chartist, or Shepherd.—(White-tipped)—Deep crimson color at the top, blending to almost pure white at the bottom; very tender.

Long Brightest Scarlet or Cardinal.—The handsomest long radish grown. Fit for use 25 days after sowing. Vivid scarlet color; flesh crisp and brittle.

White Delicacy or "Sandwich"—New, very early, semi-long, similar to White Strassburg in shape, but rather more stump-rooted. Pure snow-white in color; quite smooth, crisp and tender.

Scarlet Olive-shaped and Early Deep Scarlet Turnip.

The following varieties—Pkt. 5c; oz. 10c; 2 oz. 15c; ¼ lb. 20c; 1 lb. 60c.

Scarlet Beauty—A small round, turnip-shaped radish, of bright scarlet color, distinctly tipped with clear white. It grows so quickly that the radishes are fit to pull in 21 days from the time of planting the seed.

Lady Finger, or White Vienna.—Long, straight and tender; flesh white.

The Clipper.—The earliest radish grown, maturing in 20 days; flesh, pure white; beautiful dark rose color; crisp and sweet, valuable forcing sort.

Scarlet Button.—Next to the Clipper, it is the earliest forcing variety in cultivation; turnip; with deep scarlet skin and white flesh.

Half-Long Deep Scarlet and French Breakfast.

D. & H. Mixture.—All varieties for all seasons. Pkt. 5c; oz. 15c; 2 oz. 25c; ¼ lb. 30c; 1 lb. \$1.00.

WINTER VARIETIES:



rose; flesh white, and keeps well. Pkt. 5c; oz. 10c; 2 oz. 15c; ¼ lb. 20c; 1 lb. 60c.

Song Black Spanish.—Popular winter sort; good keeper. Pkt. 5c; oz. 10c; 2 oz. 15c; ¼ lb. 20c; 1 lb. 60c.

Mixed Winter Varieties.—Representing the above and other varieties. Pkt. 5c; oz. 10c; 2 oz. 15c; ¼ lb. 20c; 1 lb. 60c.



RHUBARB.

Johnston's St. Martin.—The finest, and one of the earliest of all rhubarbs grows to a large size; requires less sugar than any other; of a delicate pink color. Pkt. 5c; oz. 25c; 2 oz. 40c; ¼ lb. 70c.

Victoria.—A very fine flavored sort. Pkt. 5c; oz. 20c; 2 oz. 35c; ¼ lb. 60c.

Choice Roots of any of the above varieties, 15c each; 4 for 50c; \$1.50 per doz., post-paid.

If your order is the one-hundredth received it will be sent free and money returned.

SQUASH.

The squash is best cultivated in good, rich soil. Being a tender vine it should not be sown until the 15th to 24th May. Plant the bush varieties four by four each way, and six by six or six by eight for the running sorts. Three or four of the strongest plants should be left in each hill. Slug Shot will be found effective for keeping off bugs. One ounce of seed will plant fifty hills.

Mammoth Whale.—Often three feet long, of a dark slate color, and sometimes weigh over 100 pounds. Its peculiar shape, together with its immense size, doubtless suggested the name Mammoth Whale. It is very prolific. The flesh is solid, of a beautiful orange-yellow color and of excellent quality. It is also an excellent keeper. Pkt. 10c; oz. 30c; 2 oz. 50c.

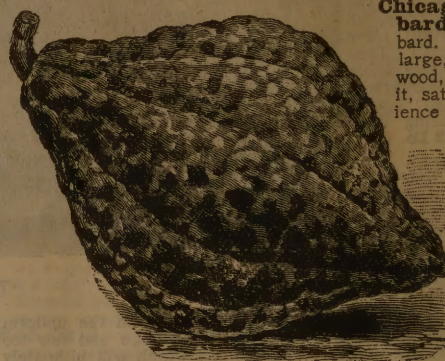
Golden Hubbard.—A sport from the old standard of excellence, the Hubbard, it is a perfect type of its parent, except in color, which is a bright, deep orange yellow, exceedingly showy and attractive. Flesh deep golden yellow, much richer in color than Hubbard, fine grained, cooks very dry, of excellent flavor. Its keeping qualities are fully equal to, while in productiveness it far excels the old variety. In everything, except in color and yield, it is the counterpart of that old favorite, the Hubbard. Its superior keeping qualities, combined with its sweet, rich flavor, attractive color and shape, are bound to make it a popular fall and winter variety. Pkt. 5c; oz. 15c; 2 oz. 25c.

Long Cream Vegetable Marrow.—An English sort of superior quality. Pkt. 5c; oz. 10c; ¼ lb. 30c; 1 lb. \$1.00.

Long White Bush Vegetable Marrow.—Better for small gardens than the Long Cream. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.20.

Mammoth Chili or Mammoth King.—The Jumbo of all squashes, with orange-yellow skin; very smooth; flesh thick, and abundant bearers. Pkt. 10c; oz. 20c; 2 oz. 35c; ¼ lb. 50c.

The following varieties—Pkt. 5c; oz. 10c; 2 oz. 15c; ¼ lb. 20c.



Chicago Wartyed Hubbard.

This is the ideal Hubbard. A Hubbard squash, large, blackish-green, hard as wood, with warty knobs all over it, satisfies even the inexperienced observer that it is the best of its class; rich in quality, a fine keeper and thick fleshed. Wartyness indicates a very hard shell, which is one of the very best features in a long-keeping squash; it also denotes extra choice quality—the harder and more warty the shell of the Hubbard squash is, the more delicate and sweet the flesh will be found to be.

CHICAGO WARTYED HUBBARD.

Long Island White Bush.—A selection of the old White Bush Scallop, and a vast improvement, having less prominent ridges and being much deeper, so that a single Squash actually contains nearly twice as much weight as the old sort. In addition to this, it is of finer quality and very prolific.

Giant Summer Crookneck.—This new strain is even earlier than the common varieties; measuring from 17 in. to 2 feet long, of finest quality.

Extra Early Orange Marrow (Private Stock)—Color deep orange, rich flavored, fine grained, and ten days earlier than any of the long-keeping sorts; flavor excellent.

Essex Hybrid or Hard-shelled Turban.—One of the best flavored of the squash family; good keeper.

Golden Custard Bush.—Larger than any of the bush sorts; the color is a dark, rich golden-yellow; for quality cannot be excelled, and grows in bush form; very productive.

Mixed Varieties.—This is a mixture of good summer, fall and winter varieties.

SALSIFY (or Vegetable Oyster)

Sow in drills half an inch deep, and 12 in. apart, early in the spring; cultivate the same as for parsnips.

Mammoth Sandwich Island.—A variety superior to the French sort, producing smoother, larger and more vigorous roots; destined to supersede the old form. Pkt. 5c; oz. 15c; 2 oz. 25c; ¼ lb. 40c; 1 lb. \$1.25

SPINACH.

For spring use, sow in the fall, in good soil properly drained, in drills one foot apart; give a slight protection during winter; for summer use, sow early in spring. One ounce will sow 100 feet of drill.

The following varieties—Pkt. 5c; oz. 10c; ¼ lb. 15c; 1 lb. 30c

Victoria.—This new variety is distinguished for its exceedingly dark, black-green color, and also for its very long-standing qualities, being from two to three weeks later than the ordinary "Long-standing." The leaves are thick and spread out flat upon the ground. It is excellent for spring sowing, and is perfectly hardy, standing the winter in this locality.

Catillon Long-Standing.—It has thick, broad leaves, of a fine green color; stands longer than any other variety before going to seed.

Giant Thick-leaved.—(Private Stock)—One of the best market sorts; long-standing.

SAGE PLANTS (not Seed)

Holt's Mammoth.—The plants are very strong growing, the first season attaining 1 ft. in height, and spreading so that a single plant covers a space of 3 ft. in length, and of superior quality. A single plant yields more than a dozen plants of the common sage; perfectly hardy; it rarely flowers; never runs to seed. Each 10c; 3 for 25c; 7 for 50c; 15 for \$1, post-paid. We have a great many enquiries for seed of Holt's Mammoth Sage, but as it very seldom runs to seed, it cannot be offered.

For Sage Seed, see Herbs, page 40

TOMATO.

The seed should be sown in the hotbed about the fifth of March, in drills five inches apart and half an inch deep. About the middle of May transplant into open ground.



THE GREAT \$100.00 TOMATO

Pearce's Paramount

The largest and finest variety known—Enormously productive—Beautiful color—Solid as an apple—Earliest of the large fruiting sorts.

This new variety, which we have originated after years of careful selection, is a beautiful scarlet color, and for an early variety is of extraordinary size. It is as solid as an apple, with very small seed cavity, making it almost seedless (hence the seed will always be scarce,) ripens uniformly and up to the stem, free from cracking, of the most delicious flavor, having none of that rank, acid flavor characteristic of so many varieties. Holds its size throughout the season, growing on a strong, stiff stem which supports itself, spreading only slightly, making it just the tomato for small gardens, allowing it to be set three feet apart. As a variety for the Market Gardener it eclipses all, and for private use it cannot be equalled. As it is a very shy seeder, and our stock being limited, we can only offer it by the packet, which contains enough seed for any private garden. Pkt. 10c; 3 pkts. 25c; ½ oz. 40c; oz. 75c.

Mull P. O. Dec. 7th. 1898.

Dear Sirs,—I must admit that I was a little surprised on receiving your letter notifying me that the committee had awarded the \$100.00 to me for name of Tomato, but the Tomato itself proved a genuine surprise during its growth and fruiting. The seed we received we took particular pains with from time of sowing until gathering. We have grown vegetables for over 20 years, during which time we have tested many varieties, but of late years we have come to regard Pearce's Seeds as the most reliable, up-to-date, as well as acclimatized. More particularly do we find this true respecting Onion, Cabbage, Cauliflower and Tomatoes. Speaking from our own experience with the new Tomato. "Pearce's Paramount," we would say that beautiful, superior, magnificent, excelsior, ponderous and all other adjectives fail to do justice. It stands simply **PARAMOUNT**, and I firmly believe it will hold the proud position it has gained and not deteriorate, as many varieties do. It will not depend on any one good quality, for it combines all. Of luxuriant, healthy growth, great productiveness. Freedom from disease, blight and dry-rot, evenness and perfection of size and shape, uniformly in ripening—being entirely free from any greenish spots, cracks or ridges together with smoothness, vivid coloring, solidity and scarcity of seeds, destined to become, as its name implies, Paramount above all other varieties grown. But, aside from all its other good qualities, its crowning merit is its superb flavor, either cooked or raw, while for canning purposes it has neither equal or superior that we know of. Having once grown and tested its qualities we would plant none other. Its merits require but to become known to be appreciated, and the public to realize the debt they owe the introducer, Mr. John S. Pearce.

Yours respectfully,
MRS. HENRY CHATTERSON.

The following varieties Fkt. 5c; oz. 20c 2 oz. 35c.

Fordhook First—Heavy, solid, with a tough skin; of medium size, or a little below, and of a color between the crimson of the Acme and the orange-red of Ignomum.
Turner's Hybrid or Mikado.—Large, smooth and solid; skin purplish-red.
Early Mayflower—Extra early; perfectly smooth; color red and very solid.

Tomato Growing For Profit.—From the sowing of the seed to the marketing of the crop. Price post-paid 25c.

Pearce's "Star"—The fruits are of the largest size, and the size of fruit is maintained throughout the season. No other tomato will produce extra large fruits so smooth, handsome and marketable.

Dwarf Champion (Private stock)—A favorite variety with all who grow it; ripens early, and can be grown closer together than any other sort.

Livingston's Beauty—Large, smooth, pinkish-red; thick flesh, good keeper.
Atlantic Prize—The earliest of all; usually free from core and seeds; ripens very evenly and perfect in form.

Mixed Varieties—All kinds, early and late, large and small, yellow, red and purple.

The New Peach Tomatoes.

Handsome and delicious, new form and style of tomato. Fruit of uniform size, resembling a peach in shape, size and color desirable for eating from the hand. The skin is thin and peels off like that of a peach.

New Rose Peach,
New Yellow Peach,
New Purple Peach, Each, pkt. 5c.; oz. 30c.

SPECIAL OFFER: One packet each of the above three kinds for only 10c.

Strawberry or Winter Cherry—Grows inclosed in a husk; excellent for preserves; will keep within husks all winter; very sweet flavored, small yellow fruits. This is well worth growing for preserves, both on account of its fine quality and immense productiveness. The pretty bright yellow fruits also make a handsome dessert dish, while the flavor as fruit makes them popular. Ten plants in our trial grounds yielded a bushel of the small fruits. It is much earlier, and in every way superior to a similar variety advertised as a novelty under the name of CAPE GOOSEBERRY. Pkt. 10c.; oz. 60c.

SELF SUPPORTING TOMATOES.

Particularly characterized by their upright growth, and elipsing all others in productiveness.

Purple Champion—Particularly distinguished by their upright growth never requiring any support, but always standing up like a tree. In form and color resembling the Acme; it is always symmetrical and attractive in appearance; the skin tough and the flesh solid. Pkt. 10c.

Red Champion—Another self supporting novelty. Foliage resembling Purple Champion, and might be taken for this variety if it were not for the odor of its beautiful, glossy red fruit, preferred in many localities to the purple variety. Its size, solidity, productiveness, smoothness, flavor of its fruits, etc., is unexcelled either for market, family or shipping. Pkt. 5c.

Golden Champion—Still another wonderful sort, in every way similar to the above varieties, differing only in the color of the fruit, which is of beautiful golden yellow shade, the richest shade by far yet attained by any variety. The superior flavor of the yellow varieties is bringing them into favor as table fruit, add those who think of the yellow tomato as the rough fruit of the old yellow sort will be surprised at this smooth, beautiful sort, it being the best of the yellow varieties, and of a fine and distinct flavor. Pkt. 10c.

SPECIAL OFFER—To enable all to give this Trio of Self Supporting Tomatoes a trial, we will send One Liberal Package Each of Purple Champion, Red Champion, and Golden Champion Tomatoes for only 20c.

TOBACCO.

The census of Canada in 1891, shows a total product in all the provinces, of 4,277,936 pounds, of which about 90 per cent. was grown in the Province of Quebec. Most of this crop was cultivated in small areas, rarely exceeding a few acres on any one farm. Recently the cultivation of tobacco has increased rapidly in Western Ontario, especially in Essex Co. Hiram Walker & Sons, of Walkerville, were among the pioneers in this industry, and have for some years past had the largest tobacco farm in the Dominion. In 1897 they had 130 acres under this crop. A considerable number of farmers in the neighborhood of Leamington, Ont., have of late entered on the cultivation of this plant, growing from 5 to 20 acres each. It is estimated that about 1000 acres of land were devoted to the growing of tobacco in that part of Essex in 1897, and that above 40 carloads of cured leaf were shipped from that district. It is believed that a much larger area will be planted the coming season. A very clean piece of land is best for the tobacco crop. The seed is sown about February. When the plants are large enough and the weather is settled warm (about June) set the plants out in highly manured or fertilized soil in rows 3½ feet apart and 3 feet between the plants. From this time constant care must be given; cultivating, suckering and examining for worms, etc.



WHITE BURLEY.

Recognizing the great value of a Tobacco crop to farmers and others in Canada, we have had printed FULL and COMPLETE INSTRUCTIONS FROM THE SOWING OF THE SEED TO THE MARKETING OF THE CROP, as practised by the pioneer tobacco growers of the Counties of Kent and Essex, a copy of which will be sent free to all purchasers of one packet or more.

White Burley—The variety most extensively grown in Kent and Essex. Pkt. 5c.; oz. 40c.

Connecticut Seed Leaf—The hardest variety. Pkt. 5c.; oz. 25c.

Pennsylvania or Lancaster Broad-leaf—The largest-leaved variety grown. Pkt. 5c.; oz., 40c.

Sumatra Leaf—Best variety for cigar wrapper. Pkt. 5c.; oz. \$1.00.

Zimmer Spanish—One of the earliest varieties, and the best as a cigar filler. Pkt. 5c.; oz. 40c.

Of the 27 varieties tested at our Trial Grounds the past season, the above were pronounced by one of our expert tobacco manufacturers, the five best varieties.



TURNIP.

Sow in drills from 15 to 18 inches apart, and thin to 8 inches apart as soon as the plants are large enough.

Breadstone 4—Of medium size, quick growing; very smooth, with faint green top; flesh white, fine grained, sweet, and of fine flavor; will cook in 15 minutes. **Pkt. 5c; oz. 10c.; 2 oz. 15c.; 1 lb. 25c.; 1b. 75c.**

The following varieties—**Pkt. 5c.; oz. 10c.; 2 oz. 15c.; 1 lb. 20c.; 1b. 50c.**

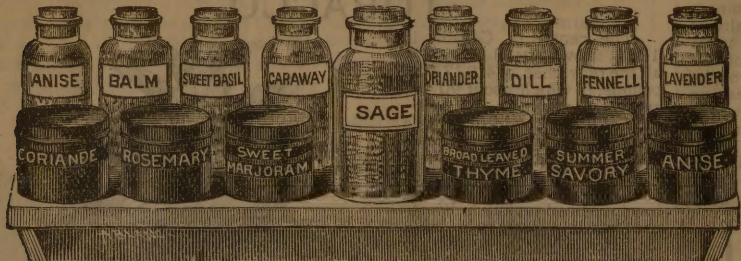
Golden Ball or Orange Jelly 6 (Private Stock)—A rapid grower; of a bright yellow color; a superior table sort, and a good keeper.

Pearce's White Model 2—As an early white turnip for market gardeners it cannot be excelled, being all that could be desired in shape, size and earliness.

White Egg—Oval, handsome, and very sweet; good for early or late use.

Early Six-week or Nimble Dick 1—Very early; flattish round; beautiful, rich, white flesh.

Early Red-top Strap-leaf, or Milan 5—Favorite with market men; sweet and



HERBS—Pot, Sweet and Medicinal.

A few Pot and Sweet Herbs (for flavoring soups, meats, etc.) are indispensable to every garden, while some of the medicinal herbs will also be found useful. Herbs in general love a mellow and free soil, and care should be taken in har-vesting them in a dry state. Cut them on a dry day when not quite in full blossom and dry quickly in the shade, and when dry pack them close in boxes, entirely excluded from the air. The varieties marked are perennial, and when obtained in the garden may be preserved for years with but little care.

	Pkt.	Oz.		Pkt.	Oz.
*Anise.....	5c	20c	*Lavender.....	5c	25c
*Balm.....	5c	25c	*Marjoram, sweet.....	5c	15c
*Basil, sweet.....	5c	25c	*Rosemary.....	5c	50c
*Caraway.....	5c	15c	*Rue.....	5c	30c
*Catnip.....	5c	60c	*Saffron.....	5c	20c
*Coriander.....	5c	15c	*Sage, 1 lb. 35c; 1b. \$1.25.....	5c	15c
*Dandelion.....	5c	50c	*Savory, winter.....	5c	20c
*Dill.....	5c	20c	*Savory, summer, 1 lb. 35c.....	5c	15c
*Fennel.....	5c	20c	*Tansy.....	5c	40c
*Horehound.....	5c	20c	*Thyme, 1 lb. 40c; 1b. \$1.40.....	5c	15c
*Hyssop.....	5c	20c	*Wormwood.....	5c	15c

HEDGE AND TREE SEEDS.

	Pkt.	Oz.	Lb.		Pkt.	Oz.	Lb.
Scotch Fir.....	5c	15c	\$1.50	Austrian Fir.....	5c	15c	1.50
Hemlock Spruce.....	5c	60c		Honey Locust.....	5c		50
European Larch.....	5c	10c	1.00	Mountain Ash.....	5c	10c	1.00
Berberry (B Vulgaris).....	5c	10c	75	Osage Orange.....	5c	10c	60
Norway Spruce.....	5c	10c	1.00	9 Pkts., 1 of each, for 35c.			

FRUIT SEEDS.

	Pkt.	Oz.	Lb.
Hop Seed.....	5c	10c	
Cherry Pits.....			\$0 35
Pear Pits.....		10c	1 00
Apple Seeds.....		5c	50
Plum Stones.....		5c	35
Strawberry, Finest large-fruited, mixed.....	10c	1 Pkt.	
Currants, Choicest kinds, mixed.....	10c	each	
Gooseberries, Large-fruited kinds, mixed.....	10c	for 30c.	
Raspberries, Best kinds, mixed.....	10c		

Culinary Plants and Roots.



The True Tarragon—(*Artemisia Dracunculus*)—The True Tarragon seldom, if ever, gives fertile seeds, but is ordinarily reproduced by division of the roots. Originally from Southern Europe, it is thoroughly appreciated by all who know it for the use of its aromatic leaves in seasoning or salads, also for Tarragon vinegar. The foliage, if cut in autumn, can be kept in a dry state the same as other herbs. Easily grown, but succeeds best in a rather warm, dry situation. Give some protection during winter. At the low price named the True Tarragon should now find a place in every good garden, as it is very valuable for its own delightful qualities, and no other herb can rightly take its place. Price of plants, **post-paid, 15c; 2 for 25c; 5 for 50c; 12 for \$1.**

New Mammoth White French ARTICHOKEs.

This is a great improvement on the Jerusalem variety. The greatest hog food known, produces upwards of 1000 bushels per acre. An excellent food for cattle, sheep and horses. Fed to milch cows they are for the production of milk equal if not superior to bran. But their greatest value is for feed for hogs. Even the labor of feeding is avoided, as the hogs will help themselves if allowed to do so. We consider them the cheapest and healthiest hog food possible to raise, and find that where brood sows have free access to artichokes, they and their pigs invariably do well. There is no better food to build up large, healthy frames, with plenty of bone and muscle. Hogs will not only grow, but fatten on them. On good land, with the same culture as corn, artichokes will produce from 400 to 1000 bushels per acre. Forty head of hogs and pigs may be kept without other food on an acre of artichokes from the time frost is out of the ground until they grow again, and from Oct. 1st until the ground freezes again. They produce more hog food per acre than any other crop we are acquainted with, and the hogs will harvest the crop themselves. Artichokes also produce an immense quantity of tops, of which cattle and horses are very fond, and which makes excellent food when properly cured. A chemical analysis of roots shows them to be superior to carrots, parsnips, mangels, sugar beets and turnips, both as flesh and as fat formers. Price, 1 lb. 25c.; 5 lbs. \$1, by mail, **post-paid; peck, 60c; bush, \$2.00.**

ASPARAGUS ROOTS.

Per 100, \$1.00; **post-paid \$1.50; 1000, \$7.50.**

Columbian Mammoth White—An entirely distinct variety producing shoots which are white, and remain so as long as it is fit for use. In addition to the advantage of its white color, it is even more robust and vigorous in habit, throws larger shoots and fully as many of them as Conover's Colossal. It needs no earthing up in order to furnish the white shoots so much sought.

Donald's Elmira—Originated with Mr. Donald, a well-known market gardener of Elmira, N. Y. It is quite different from either Farr's or Palmetto, and a good, reliable mammoth variety.

Palmetto—Claimed to be an earlier, better yielder, and more even grower than Colossal.

GARLIC.

Extensively used for flavoring soups, stews, etc. Plant sets in drills eight inches apart and four inches in the row. Cultivate like onions. When the tops are dry they are ready to gather. **1/4 lb. 10c; 1b. 25c; post-paid, 30c.**

HORSERADISH.

The best way to grow horseradish is from the little roots four to five inches in length, and not the crowns. These small roots will produce good radish fit for use in one season's growth. Plant the set small end down, so that the top will be two inches under the soil. A dozen will give all that is needed for family use for a lifetime. **Doz. 25c; 100, \$1.50, post-paid.**

CHIVES.

We cannot too strongly recommend the growing of a few dozen Chives. When once planted they live forever. It is propagated by division of root tufts, which should be set out in April or May, in rows of twelve inches, the sets being placed at four inches in the row. Of strong onion flavor. **Per 12, 20c; 25, 30c; 100, \$1.**

SAGE PLANTS (not Seed)

Holt's Mammoth—The plants are very strong growing, the first season attaining 1 ft. in height, and spreading so that a single plant covers a space of 3 ft; strong in flavor and of superior quality. A single plant yields more than a dozen plants of the common sage; perfectly hardy; it rarely flowers; never runs to seed. **Each 10c; 3 for 25c; 7, 50c; 15, \$1 post-paid.**

Our Excelsior Lawn Grass Seed will produce you a nice lawn in 8 weeks.

DARCH & HUNTER'S

"Reliable" Collections of Vegetable AND Flower Seeds.



JUST THINK OF IT!

**29 GRAND VARIETIES
VEGETABLE AND 6 PACKETS
FLOWER SEEDS**

(One Liberal Packet of each)

ALSO . . .

$\frac{1}{2}$ Pt. Sweet Corn, $\frac{1}{2}$ Pt. Wax Beans,

$\frac{1}{2}$ Pt. Garden Peas.

Only **\$1.00**
AN UNPARALLELED OFFER.

NOTICE As these Collections are made up before the busy season opens, we are enabled to sell them at 25 to 50 per cent. less than they would cost if the articles were selected separately; or if two or three varieties should be of no use to you, you will still be getting the remainder at much less than catalogue rates . . . REMEMBER THAT NO COLLECTION CAN BE BROKEN UNDER ANY CONDITION.

\$2.00—No. 1—Vegetable and Flower Collection—for \$1.00.

- | | | |
|--|--------------------------------------|---|
| 1 Pkt. Beet, Turnip | 1 Pkt. Onion, Large Red Wethersfield | 1 Pkt. each Summer Savory, Sage, Thyme |
| 1 " Cabbage, Express, early | 1 " Parsnip, Imp. Hollow Crowned | $\frac{1}{2}$ Pint Corn, Mammoth White Cory Sweet |
| 1 " " Lupton or Imp. Vandergaw, late | 1 " Pepper, mixed varieties | $\frac{1}{2}$ " Beans, Kenny's Rustless |
| 1 " Carrot, Long Red Coreless | 1 " Pumpkin, Japanese Pie | $\frac{1}{2}$ " Peas, Premium Gem. |
| 1 " Cauliflower, Extra Early Paris | 1 " Parsley, Taber's Exquisite | |
| 1 " Cucumber, Pearce's Imp. Long Green | 1 " Radish, Scarlet Turnip | FLOWER SEEDS |
| 1 " " Pickling | 1 " " Long Scarlet | 1 Pkt. Balsam, Best Double Mixed |
| 1 " Celery, Giant Golden Heart | 1 " Salsify or Vegetable Oyster | 1 " Aster, all varieties |
| 1 " Lettuce, Imp. Hanson | 1 " Spinach, Giant Thick-leaved | 1 " Mignonette, Large Flowering |
| 1 " Musk Melon, mixed varieties | 1 " Squash, Essex Hybrid | 1 " Stock, Dwarf German Ten-Week mixed |
| 1 " Water Melon, mixed varieties | 1 " " English Vegetable Marrow | 1 " Phlox, Grandiflora, mixed |
| 1 " Vine Peach | 1 " Tomato, Pearce's Princess | 1 " Nest-Egg Gourds |
| 1 " Onion, Yellow Globe Danvers | 1 " Turnip, Golden Stone | |

Above collection contains 29 pkts. Vegetable Seeds, 6 pkts. Flower Seeds, $\frac{1}{2}$ pt. Sweet Corn, $\frac{1}{2}$ pt. Wax Beans, $\frac{1}{2}$ pt. Garden Peas; sent to any address, post-paid.

No. 2—Vegetable Seed Collection—50c.

- 1 Pkt. Beet, Early Turnip.
- 1 " Cabbage, Charleston Wakefield.
- 1 " Carrot, Long Red Coreless.
- 1 " Cucumber, Pearce's Long Green.
- 1 " Celery, Golden Heart.
- 1 " Lettuce, Improved Hanson.
- 1 " Musk Melon, mixed varieties.
- 1 " Water Melon, mixed varieties.
- 1 " Onion, Yellow Globe Danvers.
- 1 " Parsnip, Improved Hollow Crowned.
- 1 " Parsley, Taber's Exquisite.
- 1 " Radish, Scarlet Turnip.
- 1 " Salsify, or Vegetable Oyster.
- 1 " Squash, English Vegetable Marrow.
- 1 " Tomato, Pearce's Princess.
- 1 " Turnip, Golden Stone.

16 pkts. sent to any address, post-paid, 50c.

No. 3—Vegetable Seed Collection—25c.

- 1 Pkt. Beet, Eclipse Turnip
- 1 " Carrot, Long Red Coreless
- 1 " Cucumber, Pearce's Long Green
- 1 " Cabbage, Express
- 1 " Lettuce, Improved Hanson
- 1 " Onion, Yellow Globe Danvers
- 1 " Parsnip, Hollow Crowned
- 1 " Radish, Scarlet Olive-shaped.

8 packets for 25c., post-paid.

12 PKTS. BEAUTIFUL FLOWER SEEDS FOR 30CTS.



We give you good value for your money in every instance.

Agricultural Seeds

Agricultural Seeds by Mail.

Our postal arrangements enable us to forward parcels under five pounds in weight to any Post Office in the Provinces of Ontario, Quebec, Nova Scotia, New Brunswick, Prince Edward Island, Manitoba, British Columbia, and the Northwest Territories at four cents per pound. Be sure and add four cents per pound for postage.



WE hold one of the largest and most reliable stocks of any house in Canada, and will make special prices on large purchases of **Carrot, Mangel and Swede Seeds.** The increasing demand for our selected varieties of Swede Turnip, Mangel, Sugar Beet and other Root Seeds, together with the great success that our customers have met with in obtaining so many prizes all over the Dominion, proves their excellence over other kinds. This is due to the fact that our stocks are grown from large transplanted bulbs carefully singled out, whilst the generality of seeds offered are grown from plants only.

Conditions of Sale.

Darch & Hunter take every precaution to supply reliable seeds, but give no warranty, expressed or implied, as to description, quality, productiveness, or any other matter of seeds they send out, and they wish it to be distinctly understood that they will not be in any way liable for any loss arising from any failure thereof or responsible in any way for the crop. All seeds bought from them must be accepted on these conditions.

Messrs. Darch & Hunter, Seedsmen, London, Ont.:

Dear Sirs.—Inclosed please find the weight of the Mangels, Turnips and Carrots taken in the photo, three roots of each:

Canadian Giant Mangels, 104½ lbs.

Long Yellow Mangels, 78 lbs.

Giant Yellow Intermediate Mangel, 60 lbs.

Yellow Globe Mangel, 61¼ lbs.

Sugar Beet, Danish, 59 lbs.

Pearce's Half-long White Carrot, 21 lbs.

White Belgian Carrot, 18 lbs.

Long Yellow Carrot, 15 lbs.

Red Carrot, 12 lbs.

Giant King Purple Top Swede, 58½ lbs.

Green Top Turnips, 46 lbs.

Those are the correct weights of each variety as they were photographed.

Yours sincerely,

R. S. NICHOL, Hubrey, Ont.

Hubrey, November 15th, 1899.

Mangel Wurzel

The long red is best adapted for heavy soil; the globe varieties succeed best on light soil, but may be grown on strong and very hard land with advantage, where the former would fail to yield a satisfactory crop. Sow seed from the middle of April to the first of June, in drills two feet apart, and thin to nine inches in the row. It is an indispensable root for the farm, stands unrivalled as food for milch cattle. Sow 4 to 6 lbs. of seed to acre.

GIANT YELLOW INTERMEDIATE

or DAIRY FARMER'S MANGEL

We strongly recommend this variety for sharp gravels, shallow and light soils, or others not adapted to the growth of the long red Mangel, as it penetrates to but a moderate depth. Special attention is called to our new selection of this Mangel, which is by far the best of the intermediate varieties; its girth at shoulder and base being about equal, it is between oval and cylindrical in form, capable of being grown closely in rows, thus producing an exceedingly heavy crop of splendid bulbs, remarkable for feeding properties and hardiness. **Lb. 25c., post-paid 29c.; five lbs. or over at 23c.**

New Globe Mangel "Golden King"

OFFERED FOR THE FIRST TIME THREE YEARS AGO.

This splendid new Mangel, which has been raised and carefully selected by us, possesses all the fine feeding qualities of our Golden-fleshed Tankard, and it is also similar to that well-known variety in color—a rich golden-yellow. The bulbs are globular in shape, large, very handsome appearance. Hardy in constitution, and even under ordinary cultivation produces a great weight of roots per acre. It is also a remarkably clean grower, and pulls well. Strongly recommended as a heavy cropper of most nutritious quality. **Lb. 25c., post-paid 29c.; five lbs. at 22c.**

Champion Red Globe Mangel.

This productive variety is valued for earliness and its smooth, symmetrical, globe-shaped roots, which are almost eight inches in diameter. It is similar to the Yellow or Orange Globe, except in color, which, as the name signifies, is an agreeable red shade. **Lb. 25c., post-paid 29c.; five lbs. at 23c.**

Orange Globe Mangel.

A large, round, orange-colored variety of excellent quality, producing a better crop on shallow soil than the Long Red. The roots often keep better than those of the long varieties, as they can be more easily handled without injury. **Lb. 22c., post-paid 26c.; five lbs. or over at 20c.**

Champion Yellow Globe Mangel.

We think this one of the best varieties grown for stock-feeding. It is very productive and an excellent keeper when stored in heaps for winter use. It has exceedingly small tops and few leaves; leaf stalks and blades green, roots medium size, uniformly globe-shaped, with few side roots; color of skin deep orange yellow; flesh white and of excellent quality. The roots grow almost entirely above ground, making them admirably adapted to shallow ground, and very easy to harvest. **Lb. 22c., post-paid 26c.; five lbs. at 20c.**

TO EVERY PURCHASER of Turnip, Mangel, Carrot and Sugar Beet to the value of \$2, we will send, if requested, one of our Farmer's Handbooks.

See next page for the Two Wonders among Mangels.

Pearce's Canadian Giant.

LONG RED

MANGEL

(DARCH & HUNTER'S PRIVATE STOCK.)

**The Greatest Mangel of
the Century.**

Without Doubt the Greatest Creations in Mangels ever placed before the Public. The Largest, Heaviest and Most Profitable Mangel Offered.

Gigantic Appearance, Uniform Shape and
Enormous Weight per Acre.

THIS VARIETY IS HEAD AND SHOULDERS
ABOVE ALL OTHERS.

Mr. Farmer, do you want to grow the biggest crop of Mangels you ever did in your life? Then sow Pearce's Canadian Giant Mangel Seed. This splendid long, red mangel is very distinct from, and far superior to, all others in cultivation, being remarkable for its gigantic appearance, wide shoulder, beautiful shape and the enormous weight it produces per acre. It possesses extraordinary feeding qualities, is very free from fibrous root and readily cleaned for storing. This variety is celebrated for having produced the largest and most perfect roots ever seen, which were a great attraction when exhibited at Western Fair, London.

Prominent Mangel authorities consider Pearce's Canadian Giant by far the most valuable and profitable of all stock feeding Mangels. Please remember that we own and control the entire stock of this grand variety. It is such a shy seeder that the seed cannot be grown as cheaply as other Mangels, yet being desirous of placing this grand Mangel at prices within reach of all, we offer it at the following exceptionally low values: Lb. 35c., post-paid 40c.; 5 lb. post-paid \$1.75; 10 to 20 lb. by express or freight at purchaser's expense, 25c. per lb.; if by mail in 10 to 20 lbs., add 5 cents per pound for postage.

TABER'S

Gate Post

Mangel

This variety, originated by Mr. Taber, the prominent English seed grower, has, since introduction in England a few years since, rapidly popularized itself, and is pronounced by leading English farmers the most useful Mangel that can be grown. Its handsome, clean roots are very heavy, often weighing 40 pounds and over, and producing 2,000 to 2,500 bushels to the acre. The best yellow Mangel known. Oz. 5c.; ¼ lb. 10c.; lb. 35c. post-paid; 5 lbs. and over, post-paid, 30c. per lb.

Don't forget to order some Alfalfa Clover—most valuable Clover in the world.

SUGAR BEET.



The production of Sugar Beet is a subject which should interest every Farmer anxious to improve his condition. It is of **special** and almost **vital** importance to the Canadian Farmer. It would not only open to him a new field for the production of a profitable crop, but the proper culture of the Sugar Beet **greatly increases the productiveness and enhances the value of his land.** It is the history of Sugar Beet culture in France and other countries, that lands upon which Sugar Beets have been properly grown and cultivated, will yield **double the amount of grain** over those lands on which they have not been grown.

Every farmer should therefore give attention to this subject and try small areas of Sugar Beet. You will have made a good deal in ascertaining for yourself the **great value of Sugar Beet as a food for stock.**

We have three good varieties to offer you, but we would call your special attention to the **Danish Improved** as standing at the head of the list of all known varieties, having tested eleven varieties on our Trial Grounds the past season.

DANISH IMPROVED

The greatest milk producer; the richest butter producer; the quickest hog fattener IN THE WORLD.

Has produced 3443 lbs. more Sugar to the acre than the best Mangel grown.

BEAR IN MIND this Sugar Beet is NOT controlled by any one firm, and we have just as good stock as any in the business.

For feeding cattle and pigs. The variety used by the world-renowned butter makers of Denmark. This variety has produced the enormous quantity of 10,192 lbs. of sugar to the acre to 6,749 lbs. from one of the *best Mangels*, showing its grand feeding qualities. Can be grown much closer than Mangels, rows 18 in. apart and 9 in. between the roots being ample; giving almost as large a weight, but 5 per cent. more sugar to the acre than the long red Mangel. Practically free from prejudicial nitrates, while with common mangel you feed more nitrates than is considered healthy. Our supply of seed is direct from Denmark. Having had it under test for the past two seasons, we know that there is no better shaped, better colored nor purer stock grown. **Lb. 50c., post-paid 54c.; 4 lbs. (enough per acre) \$2.00 post-paid.**

Prices of the two following varieties: Lb. 25c., post-paid 29c.; five lbs. or more at 20c. per lb.

FRENCH RED-TOP--The most generally grown sort in France, as it combines with heavy yield a good percentage of sugar. It has produced 30 tons of beets to the acre, and contains from 10 to 13 per cent. of sugar. The largest yields known have been obtained with this variety.

LANE'S IMPROVED--Much liked by stockmen wherever used; heavy yielder.



PEARCE'S IMP. HALF-LONG WHITE

CARROT Pearce's Improved Half-Long White.

Best in Shape, Best in Quality . . . Best in Yield, and Best Keeper.

Wherever exhibited has always carried off first honors. The only true Half-long White Carrot in cultivation. Of beautiful half-long uniform shape, wide at the shoulder, running to a single tap root; not prongy or unshapely, easily pulled, of the very best feeding quality, and its keeping quality cannot be excelled. **Lb. 50c., post-paid, 55c.; or 2 lbs. post-paid, \$1 00.**

3 to 4 Tons per Acre more than the large White Belgian.

Ontario Agricultural and Experimental Union Report for 1897, says: "Comparative value by experimenters, 100 per cent."

The Pearce's Improved Half-long White variety of carrots took the lead in point of yield in the co-operative experiments in 1896 and in 1897.

The Pearce's Improved Half-long gave an average of 3 to 4 tons per acre more than the Large White Belgian variety which used to be grown quite extensively throughout Ontario.

HAS BEATEN EVERYTHING IN SIGHT FOR SIX YEARS.

In a personal letter from Mr. C. A. Zavitz, Experimentalist, Ontario Agricultural College, dated Feb. 1st, 1898, says: "Pearce's Improved Half-long White variety of carrots occupies first place in average yield of roots among twenty-one varieties grown in our experimental grounds for six years in succession. Its average yield per acre for these six years is 29.28 tons per acre. We have sent it out over Ontario in connection with our experimental work for two years in succession, and it has given good satisfaction with the experimenters throughout the province."

PEARCE'S HALF-LONG WHITE CARROT, 7 LBS. IN WEIGHT AND LOTS OF THEM.

Mr. Richard Whetter, Westminster Tp., brought into our store, carrots weighing 7 lbs. each, and said he had lots of them.

It seems no exaggeration to say that we could fill a book as large as this Catalogue with the written and spoken praises that our customers have lavished upon Pearce's Half-long White Carrots. We have yet to learn of a single instance in which they have failed to give the fullest satisfaction. Wherever they are shown at Fairs, they invariably capture the prizes.



CARTER'S ORANGE GIANT.

CARROT--Carter's Orange Giant.

The best form of orange or yellow carrot we know of, and we have tested every other variety in cultivation side by side with it on our "Rosedale" Trial Grounds. The roots grow to an enormous size, are of excellent quality, clean shaped, and possess very high feeding properties. On light soil it will out-yield any field carrot in cultivation. **Lb. 60c., post-paid 64c.**

The Heaviest Cropping Yellow Carrot in Cultivation--32 Tons per Acre

"Yellow Carrots for field culture stand about half-way between the Red and White varieties, and as a rule give crops of moderately large roots of moderate quality. The Orange Giant, introduced by Carter & Co., is one of, if not the best of the white or yellow carrots. The roots are very large and of good shape. They are solid, crisp and nutritious, possessing high feeding value." **FARMER'S JOURNAL.**

Every One Hundredth Order Free

If your order is the One Hundredth received, accompanied with the cash, it will be sent **FREE** and your money returned.

You may be one of the Lucky ones, TRY IT!

Don't forget to order some of Pearce's Half-long White Carrot--heaviest cropper grown.

Prize Winning Swede Turnips.

Our stock of Turnip Seed has been selected with the greatest care, having been grown by experienced growers in England and Scotland, from selected roots of the very best strains in cultivation. The period of sowing Swedish Turnips is usually governed by description of soil. It is necessary to sow earlier on strong, heavy soil than when light, sharp or gravelly; from the last week in May to the middle of July is not unreasonable, having respect to the previous observation. 2 pounds of seed is sufficient to sow an acre in drills; 1 pound per acre when sown broadcast.



New Arctic Purple Top

Wonderful yielder, of strong, hardy constitution, beautiful shape, and color solid and rich.

Now offered for the first time—A magnificent new bronze top variety of exceedingly hardy constitution, standing well during severe weather, and keeping sound and good until very late in the spring, when many other varieties have failed. The root is tankard-shaped, stands high out of the ground, and is of handsome appearance; the yellow flesh is solid, of rich quality, and is much appreciated by all classes of stock. Growing but a small top, with its long-shaped root, it will stand somewhat thicker in the rows than most Swedes, when a very heavy weight per acre can be grown. **Lb. 35c, post-paid 40c.; five lbs. for \$1.75, post-paid.**

The following varieties—Oz. 5c; $\frac{1}{4}$ lb. 10c; lb. 25c; post-paid, 29c; 5 lbs. or more of any one variety at 23c. lb., post-paid, 27c.

Webbs' Giant King

A large, handsome, tankard-shaped variety, of splendid quality.—This magnificent Giant King Swede is perfectly distinct from any other variety we offer. It is of handsome tankard-shape, beautiful deep purple color on the top of the root, with rich yellow flesh.

PRIZE WINNER PURPLE-TOP

This variety has been brought by repeated selections to the highest state of perfection. It is a purple-topped variety, of a beautiful globe shape, growing to a large size, with a single taproot, and very small, fine top. It has a remarkably robust constitution and is a very certain cropper. After repeated trials on our Rosedale Trial Grounds, beside thirty or forty others, we have no hesitation in pronouncing it the finest globe-shaped Swede in cultivation at the present time.

CARTER'S ELEPHANT (also called *Monarch* or *Jumbo*)—The crown of the bulb is a beautiful bright purple, and the lower half a deep yellow. The flesh is very solid and nutritious, and an excellent keeper.

HARTLEY'S BRONZE-TOP—A heavy yielder. In test of 14 varieties of best Swedes at Dominion Experimental Farm, Ottawa, Hartley's Bronze-top produced the enormous yield of 45 tons and 90 pounds, and over 16 tons more than the lowest. Ontario Agricultural Report for 1897:—Hartley's Bronze-top Swede heads the list in a test of 29 varieties for seven years, giving an average yield of 21.11 tons to the acre.

WHITE SWEDE—Excellent keeper, flesh firm, solid, rich and sweet.

The following varieties—20c. lb., post-paid, 24c; 5 lbs. or more of anyone variety at 18c. lb., post-paid, 22c.

WESTBURY IMPROVED PURPLE-TOP—One of the best Swedes in cultivation; grows to a large size; excellent cropper.

EAST LOTHIAN PURPLE-TOP SWEDE.

SUTTON'S CHAMPION PURPLE-TOP—Large size.

SHAMROCK PURPLE-TOP SWEDE—One of the finest Swede turnips in cultivation: small top; large; quality excellent.

ORDER EARLY

Anticipate your wants. Better have your seeds on hand a few days before you need them than run the risk of their being delayed, for in March and April thousands of orders must be filled, and sometimes stocks become exhausted. Prices cannot be lower.



\$1.00 post-paid.

THE PRIZE-WINNER'S COLLECTION

\$1.00 post-paid.

It has been our custom to put up for exhibitors at our fall fairs a collection containing a small quantity but a large variety. We will send post-paid for \$1.00 to any post office in Canada or U. S., six varieties of Mangel, five varieties of Carrot (including our celebrated Half-long White,) two varieties of Sugar Beet, ten varieties of Turnips (including Swedes, Purple, Bronze and Green Top, Yellow and White fleshed,) two varieties of Parsnips, two varieties of Kohl Rabi, two varieties of Large Pumpkins, two varieties of Large Squashes, four varieties of Corn.

Our New Arctic Swede is the best grown.

New... LONG YELLOW Carrot STUMP-ROOTED.

This distinct new carrot produces long, tapering roots, rounded at the end, of good size and of true yellow color. Of most excellent quality for the table; it keeps well, and is productive enough to be grown for stock feeding. The carrots present a handsome appearance. Like the famous *Oxheart* and *Chantenay*, they originated also in France. We predict that this will become one of the best carrots for a field crop, being heavy yielding; for feeding cannot be excelled. **Lb. 65c, post-paid.**

IMPROVED WHITE GREEN-TOP ORTHE—Improved variety of white Belgian; French seed; extra clean. **Lb. 35c; post-paid, 39c.**

YELLOW BELGIAN—Heavy cropper. **Lb. 50c; post-paid, 54c.**

LONG ORANGE—A fine red variety. **Lb. 50c; post-paid, 54c.**

HALF-LONG STUMP-ROOTED—A favorite variety; bright red in color; medium in length and easily pulled. One of the best red carrots for field use. **Lb. 70c., post-paid, 74c.**



Yellow and White Flesh Turnips

These varieties should be used or fed early, as they are not sufficiently hardy for the winter.

The following varieties—**Lb. 25c., post-paid 29c.; 5 lbs. or more of any one variety 20c. lb. post-paid 24c.**

PURPLE-TOP MAMMOTH—It is one of the most useful turnips in cultivation, being very large, well shaped, very solid, and invaluable for sheep and milch cows. This is unquestionably the quickest growing, largest and most solid white-fleshed turnip we have, and for early use it is unequalled. The flesh is very firm and juicy.

SCOTCH GREEN TOP—A distinct variety, of the finest feeding quality; valuable for winter and spring use, being very solid and a capital keeper. Awarded numerous prizes at the leading English shows.

WHITE GLOBE—Large; fine quality; useful for late sowing.

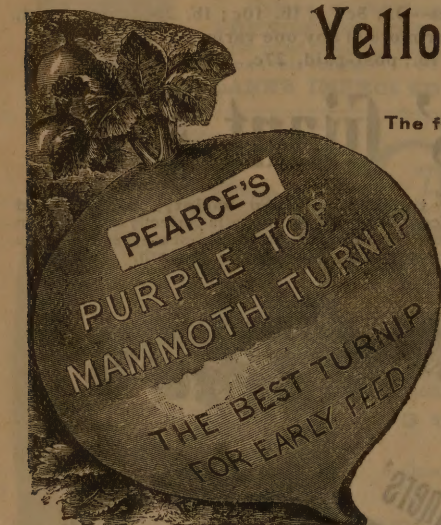
DEVONSHIRE GREYSTONE—Very popular sort; growing to a large size; early; excellent quality.

The following varieties—**Lb. 25c. post-paid 29c.; five lbs. or more of any one variety, at 22c. per lb., post-paid 26c.**

PURPLE-TOP YELLOW ABERDEEN—An excellent variety for winter feeding.

GREEN-TOP YELLOW ABERDEEN—Similar to above.

COWHORN, OR WHITE TANKARD—Carrot-like in form, growing nearly half out of the ground, and generally slightly crooked. It is delicate and well flavored, of very rapid growth, and has obtained considerable favor as a sort for winter use. **Lb. 30c, post-paid 34c.; five lbs. or more, 25c.**



Cowhorn or White Tankard Turnip is reported by the Ontario Experimental Reports as standing at the head of the list for three successive years, yielding in 1895 at the rate of nearly twenty-one tons per acre.

RAPE—Dwarf Essex.

The main secret in the successful raising of Sheep for mutton, for which the English are so famous, lies undoubtedly in the very general use of Fodder Rape for feeding them. After the corn is harvested and before winter sets in there is need of nutritious green fodder, especially for sheep. Dwarf Essex Rape is easily grown and perfectly hardy, and possesses remarkable fattening qualities. One acre will pasture thirty-six head two months, and lambs will make again of 8 to 12 pounds a month. "They soon weigh like lead." **Pigs and Cattle are also very fond of it.** The plant is a rank grower and should have heavy manuring as well as high cultivation. Any corn soil will grow Rape. Sow the seed during the third or fourth week of June; it can then resist drought, and the crop can be ready to feed at a season when it is most needed. By sowing different pieces several weeks apart, a continuous supply of good feed can be had. When sown in June the Rape will have to be fed during August, though if the first crop were cut about four inches from the ground there would be an aftermath of second growth that would be useful after that time. It does well sown with oats, if the soil is rich and clean, sow broadcast, if not clean, sow in drills and cultivate as for corn. **Rape is especially adapted for a catch crop, succeeding when from any cause the other crops have failed.** When sown broadcast, use 5 lbs., and if in drills, 2 lbs. to the acre. By freight or express at buyer's expense. **10 to 25 lbs. 8c.; 50 to 100 lbs. 7c.; per lb. 10c.; post-paid 14c.**

25c. worth of Seeds Extra

will be allowed on One Dollar sent for Seeds in Packets and Ounces. Anyone sending us \$1 can select seeds in packets and ounces to the value of \$1.25; or for \$2, seeds in packets and ounces to the value of \$2.50; or for \$3, seeds in packets and ounces to the value of \$3.75. See Order Sheet.



Our Field Root Seeds are known from one end of the Dominion to the other as the best to be had.



We do not pay freight
on Seed Grains.

FARM SEEDS

Wheat, Peas, Barley, Corn and Oats subject to market fluctuations.

White Hulless Barley

ITS VALUABLE PROPERTIES.

It is hulless, beardless, early, weighs over 60 lbs. to the measured bushel; it yields well on poor land, yields enormously on good land, makes better pork than corn, makes excellent flour, the straw makes good hay, is of inestimable value to every one who feeds stock.

Has been grown 60 bushels to the acre, and it is the best grain to sow for hay that grows. Sow early and you can cut two crops from the same sowing. As fattening feed for hogs it has no equal. It makes sweeter meat and nicer lard by far than corn. 20 hogs fattened with it make a gain of 106 lbs. to the hog in five weeks. The best way is to grind it and feed dry, with clear cold water in another trough for them to drink out of. It grows very quickly and on all kinds of soil. You can sow it after all other grain is sown and harvest it then before wheat and oats are ready. Sown as late as the 18th of June made a good grain crop. Stock will eat the straw in preference to "sloUGH" hay. The straw is small, with very heavy leaves; stools wonderfully. Once used for hay for work horses, you won't have any other. For flour it discounts buckwheat. For grain sow one bushel to the acre; for hay one and a half bushels. **Lb., post-paid, 25c; peck 75c; bush. \$2.50; 2 bush. \$4.50.** Bags free.

Beardless Barley, "SUCCESS"

This valuable new barley originated with A. B. Jones, a successful barley grower in South Dakota. To get a variety that would grow without beards, and at the same time possess all the rich and nutritious qualities of our bearded sorts, has puzzled the brains of prominent agriculturists for years. This has finally been accomplished after many trials and experiments, by hybridizing and cross-fertilization with our most productive bearded varieties. It is a **six-rowed barley of unusual length of head, well packed with solid, plump grains clear to the tips.** It is one of the earliest to ripen, grows to a medium height, not so tall as some. The straw is pleasant to handle, though strong and stiff, and having no beards, makes excellent feed for cattle or horses. **Barley straw is considered by some equal to hay for feeding purposes.** The great objection heretofore has been the long, sharp beards. **Lb. 15c, post-paid; peck 25c; bush. 75c.** Bags 20c. each.



WHITE HULLESS BARLEY.

MANDSCHEURI—The Great Six-rowed Barley of Russia.

A six-rowed variety, imported from Russia, and for earliness, yield, freedom from rust, is superior to all the barleys heretofore grown. The heads are about three inches long and very compact. In earliness it is superior to most other varieties, being ready to harvest in less than 100 days from time of sowing. It produces straw that stands up exceedingly well, and seems to be adapted to all kinds of soil. *Ontario Agricultural College Report* says: "Among 37 varieties of barley which have been grown in the comparative tests for the past five years, the Mandscheuri stands at the head of the list in yield of grain per acre. It is not at this station alone that this variety has done so well, but over the Province generally it has made an excellent record. In no single test was it surpassed by any other variety." Also the Farm Superintendent's report for 1895: "The Mandscheuri is so much more productive than any other variety that we sowed no other this season. It was sown April 23rd, and harvested July 24th to 26th, and although it is not yet threshed, we estimate the yield this year as about 45 bushels per acre." The Mandscheuri Barley gave the largest average. **Bush. 65c; five bushels for \$3.25.** Bags 20c. each.

Black Barley

Are you short of food for your hogs, for your cattle, or your fowls or sheep? If you are, there is no cereal in Canada that will produce more and better quality of food than Black Barley. It is positively one of the best hog and cattle fatteners that we know of, and is equal to the very best corn because we have given Black Barley a thorough trial. It makes hog-growing absolutely safe and profitable. The yield of our Black Barley seldom runs below 40 bushels. It is a hulless barley, and the kernels are as smooth as wheat. **Bush, \$1.25.**

See our Grand Value in Collections on page 41.

Change
your
Seed Oats
this
year.

It will pay you to sell your common oats and sow improved varieties this year and increase your yield 30%. The increased yield of a few acres will cover entire cost of seed for your farm.

The..
Great

New Zealand Oats

The greatest advance in White Oats ever sent out.

Yielded 100 bush. to the acre the past season.

This grand new variety of White Oats is now introduced by us for the first time, and yielded 102 bushels to the acre, while old standard varieties yielded only 40 to 50 bushels. It averages a trifle higher than other sorts, has very stiff, strong straw and never known to lodge. They stood out remarkably well, and thus require less seed to the acre, and are entirely free from rust on all kinds of soil. The grain is a beautiful white color, long and slim, with a thin hull, and a first-class weighing variety. We have never before introduced an oat we are so well pleased with, and we have no hesitation in saying they will prove a bonanza to all those who sow a few acres this coming season. Our stock is limited, and all orders will be booked in rotation as received. *First Come, First Served.* **Pound 15c.; 3 lbs. 40c., post-paid; peck, 60c. ½ bush. \$1.00; bushel, \$1.50.** Bags free.

Eleven Good Reasons

why you should sow some of the great NEW ZEALAND OATS.

First—New Blood. It contains more new blood, hence more vigor and producing qualities than any other Oat we know of.

Second—Withstands Drought. No sort that we have ever tested so thoroughly and completely withstands dry weather—yes, long continued hot droughts, as the New Zealand; indeed it seems to be proof against every element of nature in the shape of weather, withstanding all, and always yielding heavily.

Third—Strong Straw. Now, then, New Zealand Oats have wonderfully stiff straw, withstanding severe winds to a marked degree and coming forth after storms standing straight, erect, a pleasurable sight to behold. When other sorts lodge badly this stands up like a strong stone wall.

Fourth—Yield. This is simply enormous, some say from 85 to 100, yes, 110 bushels or more per acre, but we honestly believe that 125 bushels, or more, can be grown per acre under careful cultivation; at least we would risk New Zealand Oats ten times quicker than any variety we know of to produce the greatest number of bushels of Oats of any sort grown.

Fifth—Color. The color is beautiful in the extreme, aids it to sell quickly and rapidly at an advanced price in almost every market. The color alone makes it a great seller.

Sixth—Quality. No Oat exceeds this in excellent quality, and it has the advantage that it will make more and better oatmeal than any other known Oat at the present day, while all horses will fight for it for food. All millers who have seen it pronounce it excellent in the extreme.

Seventh—Profit. Now, then, here is an Oat that makes profitable farming absolutely certain. This Oat, if sown, will insure profitable farming. It will certainly yield from 20 to 50 bushels more per acre than any of the common varieties, which will ten times pay the cost of the seed.

Eighth—Quick Return. That's what you get by sowing this Oat, for the crop will go like wildfire! Every neighbor ought to buy it for seed.

Ninth—Insurance. You have heard of fire insurance, life insurance, of hail insurance, but here you have a positive, safe, sure CROP INSURANCE, the New Zealand. This beautiful WHITE OAT insures you against a failure of a crop every time.

Tenth—Cost. The price of this Oat is ridiculously low, but that's the way Darch & Hunter do when they have a good thing; they sell at a low price so that all farmers may make money out of it.

Eleventh—The Last Forty Bushels. It is the last 40 bushels per acre that makes farming profitable. If the common sorts yield 40 bushels per acre, and this gave you 80 bushels, the last 40 bushels would be the profit; but if this gave you 110 bushels, it is very easy to figure out great profits on 25 acres or more. Try it and convince yourself.

Danish Island

Very productive; strong, stiff straw, plump, thin-hulled, bright grain; does not lodge nor the grain fall out. As many as forty stalks are produced from a single grain. Among new farm seeds none has had such strong testimony in its favor as the new "Danish Island" Oats. Our claims for productiveness, plump, heavy grain, with thin, bright yellow and close-fitting shell, wonderful stooling qualities, and adaptability to great diversities of soil and climate have been maintained. **Lb. 15c.; 4 lbs. 50c, post-paid; bushel, 65c; five bushel, \$3.00.** Linen Bags, 10c.; Cotton Bags, 20c each.

Imported Prolific Black Tartarian

A very popular variety of black oats, and unequalled as a heavy cropper. It carries the ear on one side, is very early, long-strawed, with a short and plump grain, and altogether a favorite variety. This oat has attained an eminent reputation on account of its superiority to other oats and adaptation for all soils, the reports we have received regarding it being highly satisfactory. A bushel or two of these oats sown for seed will increase your yield one half. Try it. **Peck, 50c; Bushel, \$1.75.** Linen Bags, 10c.; Cotton Bags, 20c. each.

BLACK TARTAR (First Year from Imported Seed)

For heavy land the Black Tartarian is the best black oat in cultivation. **Peck, 25c; bushel, 75c.** Linen Bags, 10c.; Cotton Bags, 20c. each. **BLACK TARTAR** (Second year from imported stock.) **Bush. 60 Cts.** Linen Bags, 10c.; Cotton Bags, 20c. each.

Also the following well-known varieties, prices on application.

Early White Siberian, White Poland, the Lincoln, the Joannette, Early Gothland, American Beauty, the Rosedale, Golden Giant Side, American Banner, Welcome, Egyptian, Prize Cluster, &c.

Do not forget to order some of our great New Zealand Oats.

Silver Mine Oat.

Just What its Name Implies.

We cannot do better than give the introducer's description. "I take great pride and satisfaction in the conspicuous and universal success of this highly profitable oats, on account of the predictions which I made for it when it was introduced to the public. No better name than Silver Mine could have been selected for it, as it is a first-class cropper, early to mature, and of unusually heavy weight. The straw is strong and stiff, and is thus far free from rust. Oat straw by the way, is too often undervalued. It is richer than wheat straw in actual fertilizer content, especially in potash.

Silver Mine is full of fresh new vigor, and is the hardiest and healthiest variety grown. It is so strong and thrifty that neither freezing weather, protracted drought, heavy rain nor hot winds seems to have much effect upon its growth. It appears able to go right along from start to finish, almost without regard to weather or conditions, so that the farmer may feel reasonably sure that whatever else fails it will not be his oat crop."

The grain is the heaviest in existence to-day. Such was the claim of the originator, and was first doubted it, but we have never found anything to equal it or even to approach it. Think of oats weighing 50 pounds to the measured bushel. The usual legal weight of a bushel of oats is 34 pounds. Silver Mine not only weighs 50 pounds, but is as bright and white as a new silver dollar, with a hull as thin as a sheet of paper.

"We have raised," says the originator, "a hundred bushel basket of oats to the acre. A yield like this is uncommon, but yields of 60, 70 or 80 bushels can be obtained by any good farmer with careful culture, and good farming is the only kind that pays. Take 70 bushels as an average, * * * Now, if they are Silver Mine, and weigh 50 lbs. per bushel, you have 3,500 pounds from your acre, or about 110 bushels by weight, 40 bushels to the acre more than common kinds, and the profit in oat-growing is in the last 40 bushels.

Our opinion of Silver Mine oats is very high. Its promises are great, and so are its performances, and we again urge all our friends to plant it. **Bush, 85c.; 5 to 10 bush, 75c.** Linen bags, 10c.; cotton, 20c. each,

Choice Spring Wheat.

HERRISON'S BEARDED—Since the introduction of the well-known Colorado Spring Wheat, we have had nothing that could approach it until Herrison's Bearded came to the front. It stands fairly stiff in the straw, and during the time it has been under test in this country it has been entirely free from rust. It was first obtained from France. Heads and grains are somewhat uneven in size; matures moderately early; has red grain. Has headed the list of 22 varieties at the Guelph Experimental Farm for the last 4 years. Average weight per bushel for 3 years, 63.5 lbs.; average yield of straw per acre for same period 1.7 tons; average yield per acre, 4 years, 62 bushels. We have no hesitation in pronouncing this variety the finest spring wheat introduced for years. **Bush, \$1.25.**

COLORADO WHEAT—This wheat has done well throughout Ontario and Quebec, and also in Manitoba. It is a light amber, bearded wheat, with a rather short thick berry the grain being as large as some varieties of winter wheat. Selected and re-cleaned stock. **Bush, \$1.25.**

WHITE RUSSIAN—This variety has been shown by some for a number of years, and invariably turns out a first-class crop. It has a bald head of good length; good stiff straw, stands up well; full, plump berry, flinty and of good color. We grew a field of this variety the past season, which was the admiration of everyone, many coming into our store to inquire what variety it was, saying they never saw a prettier field of wheat, and that they must have some.—**Bush, \$1.25.**

WILD GOOSE—The most productive variety. The head is bearded with white chaff; the straw is stiff; grain hard and flinty. Midge-proof. While no use for flour, there is not a better article grown for feeding hogs, being a grand substitute for peas. Will yield about 10 bushels more to the acre than any other variety of spring wheat. Try it. **Bush, \$1.00; five bush, lot, \$4.50.**

Bone Black —Fertilizer

Also known as "Corn and Wheat Grower."—The reputation for honest and pure Bone Black Fertilizer has caused many manufacturers to imitate the color by the addition of lamp black to low grade materials, but, like all imitations, they usually give poor results. The "Homestead" is a complete manure for general use, supplying all the elements needed by the growing plants, and leaving the ground in fine condition for succeeding crops. Bone Black (containing about 80 per cent. Bone Phosphate as against 55 per cent. in Phosphate Rock), is known to be one of the very best sources of Phosphoric Acid as it is most easily and surely rendered soluble, and being in that form continued applications do not pack the soils in the case with rock. **Put up in 100 lb. bags. Per 100 lbs. \$2.50; 500 lbs. \$10.00; ton, \$35.00.**



WILD RICE



SILVER MINE.

WILD RICE —

Zizania Aquatic—A native of our northern district. Valuable as a forage plant for swamps and inundated lands. Stock of all descriptions are fond of it when green, and also when cured for fodder. It is also valuable to the sportsman as a bait for wild fowl. It sows itself in the fall about the middle of September, lies dormant all winter in spring commences to sprout as soon as the weather gets warm, reaching the surface during the first half of June. It grows very rapidly in from one to eight feet of water, ripens late in August or early in September. Put the rice in coarse linen bags, sink the bags in water overnight to soak the rice, then take it and scatter it on the water that is from six inches to five feet deep, soft mud bottom or low marshy places where it is covered with water the year round. **Price variable. Lb. 20c, post-paid, 25c; or 15c. in 10 lb. lots.** Postage 4c. per lb.

The Canadian Poultry Supply House,

MANUFACTURERS OF

Poultry Foods, Stock Foods, Bone Mills, Louse Killers, Clover Cutters, &c.

We are headquarters for all kinds of Poultry Supplies, manufacturers of the celebrated "Excelsior" and "Little Giant" Bone Cutters, also Clover Cutters and Drinking Fountains. **Send for our Poultry Supplies Catalogue, giving a more complete description, free on application.**

Tested Seed Corn

THESE PRICES SUBJECT TO MARKET FLUCTUATIONS.

FARMERS, is there any fun in plowing, harrowing, rolling and planting your land to corn that won't grow? Or, if it does grow, and you spend a hard summer's work on it, have it killed by an early frost? No, there is no fun about either one, but, on the contrary, it is humiliation and financial disaster. You should avoid being caught either way. Remember this: When you buy seed corn of us you get seed that has been **Thoroughly Tested** as to germination, and you take no chance whatever on it not growing. When you can get tested seed at a cost of 25 cents per acre, what more do you want? Farmers, don't fool yourselves out of a crop by planting seed that has laid out in the field after the snow came, as it will be damaged and not fit for seed at all. Take no chances, but send to us direct and get seed **that will grow**.



DENT VARIETIES.

IOWA SILVER MINE—The ears are very uniform in size and shape, with 16 to 20 straight rows (usually 18 rows) of deep, pure white kernels set on a small white cob, and the ears are well filled out over the tip. It is early; matured last year in less than 95 days. 70 pounds of corn in the ear will make 62 pounds shelled. **Bushel, \$1.**

IOWA GOLD MINE—It is early, ripening only a few days later than the Pride of the North; ears are of good size and symmetrical; grain is very deep, cob small, and therefore dries out very quickly as soon as ripe. 70 pounds of ear corn makes 60 to 62 pounds of shelled corn. It cannot be equalled by any other corn. **Bush, \$1.**

CLARK'S EARLY MASTODON—The Mastodon Corn has the longest grains and largest ears of any corn in cultivation. It is the strongest grower and largest field corn in cultivation. It husks easy for so large a corn, and shells easy. For ensilage will please all, because it grows quick and strong and powerful, and we think is well adapted for ensilage in Ontario. **Bush, 90c.**

CANADIAN DENT—This is recommended by our customers who have tried it as being the heaviest yielding in both straw and grain of any Dent Corn they ever grew. **Bush, 90c.**

LEAMING (Yellow Dent)—Ears of good size; red, small cob, with a deep, large, bright yellow grain. A very early strong-growing variety, and produces well on light or heavy land. In every respect a first-class variety for ensilage or fodder. **Bush, 90c.**

EARLY BUTLER YELLOW DENT—The ears grow to a good size and no corn in cultivation will outshell it: 70 lbs. of ears have shelled out 64½ lbs. of shelled corn, leaving only 5½ lbs. for the cobs. It has no equal. We have never had a complaint of this corn since its introduction. The fodder grows up strong and rank. It roots deeply and withstands drought to a remarkable degree. **Bush, 90c.**

STAR LEAMING—The Star Leaming is a Dent variety; ears are of good size, set low down, and nearly always two good ears on each stalk; very small red cob, with deep grains, of a rich golden color. It withstands severe drought by reason of its earliness in maturing, strong and vigorous growth, and its stalky and leafy nature. A great improvement on the old and well-known Leaming. **Bush, \$1.10.**

SPECIAL LOW FREIGHT AND EXPRESS...

RATES TO ALL POINTS.

CUBAN WHITE GIANT ENSILAGE—Has been thoroughly tested beside all the large white grain ensilage varieties, and it has proved to be a perfect fodder or ensilage corn. Grains pure white, very large, broad and long, showy and of strong vitality. Yields fodder in great quantities and of finest flavor. Best milk producer of all the field ensilage corns, being almost as sweet and tender as sugar corn. **Bush, 90c.**

EXTRA EARLY HURON DENT—70 lb. of ears made 64½ lbs. of shelled corn, leaving only 5½ lbs. for the cobs; from this all can readily judge of the unusually small size of cobs. **Bush, 90c.**

WHITE CAP YELLOW DENT—Its great merit lies in the fact that it is a strong, rank grower, with a good many suckers. It will mature in from 100 to 110 days. It commands the highest market price. It will grow more bushels on poor, thin land than any other kind in the world. It stands the drought better than 60 other varieties grown in the same country. It grows its fodder strong, rank and quick from 7 to 8 ft. high. It is sure to please all who give it a trial. **Bush, 90c.**

CLOUD'S EARLY YELLOW DENT—Earliest of the heavy varieties; produces a large amount of early green fodder per acre. Grows a good average height, somewhat taller than Rural Thoroughbred. **Bush, 90c.**

MAMMOTH YELLOW CUBAN—For the central part of Ontario this is one of the best, according to the Guelph College Report for '96. **Bush, 90c.**

You can buy Corn which has been stored in Elevators, but beware of it, the percentage of growth is poor.

The largest eared, deepestkerneled, and purest White Dent Corn in the World. In the new **Early Giant White Dent** we have a very valuable and long-sought-for variety, viz.: A very large ear and grain, yet a very early White Dent Corn. **White Dent** is one of the **largest-grained** of all **White Corn**. Its fine quality of grain makes it very superior for grinding into meal, and indicates its strong nutritive qualities. It is a very vigorous grower, taking strong hold in the ground and averaging eight feet in height, producing two large ears, well filled to the extreme ends of the cob, even on light and poor land. **Early Giant White Dent** presents the **most perfect type** of **Whitefield Corn** ever introduced, and should be planted by all farmers who want to be abreast of the times. The ears are **large and handsome** with **deep large grain**, of white color. Stalks grow to **medium size** (not large), with few suckers, tapering gradually from root to top producing two good ears to each stalk; husks and shells easily. It is also adapted to a greater variety of soils than other varieties, producing unusually well on **lighter heavy lands** where other varieties would not thrive. **Bush, \$2.00.** Bags free.

EARLY GIANT

(White Dent)

size (not large), with few suckers, tapering gradually from root to top producing two good ears to each stalk; husks and shells easily.



Farmer's Surprise

(YELLOW FLINT.)

This new corn, the **Farmer's Surprise**, we have never before put on the market, as we desired to test it thoroughly before doing so, and also have it tested by corn growers in different parts of the country as to its merits as a **yielder** and also as to **earliness**. Having sent out samples the past year to different parts of the country, among our corn-growing customers, we are enabled to give the results of a few tests and what they think of it. Owing to lack of space, we can only give a few, and those in condensed form:

J. S. Thompson.—I make my report on the sample of "Farmer's Surprise" corn you sent for trial, as follows: Planted May 18th; ripe August 28th; two ears on almost every stalk from 10 to 13 inches in length. My neighbors all say it's the finest corn they ever saw. It certainly yielded at the rate of 160 bushels per acre.

Henry Dowling.—"Farmer's Surprise" corn beats anything that farmers have ever seen, so say all that have seen it. You will have to have a lot of it if you supply the demand for it from my neighborhood. I think the rate of yield was fully 125 bushels per acre, after being badly damaged once or twice by the cows. It is better worth \$5.00 per bushel than ordinary seed corn is \$1.00.

Harry Vincent.—Was glad to test the sample of "Farmer's Surprise" corn you sent me, as it outstripped all other varieties in this county more than two to one. Some stalks

had three good ears from 10 to 12 inches long. The yield of this county could have been more than doubled if every farmer had planted your "Farmer's Surprise" and one thing sure, every farmer who saw this growing will plant it this year, as they all say they will send to you for seed.

Percy Allen.—I will now report to you the sample of "Farmer's Surprise" corn which you sent me for trial. I had 37 baskets from the pound of seed you sent me. My neighbors want to buy it, but my son and I are going to plant all of it ourselves. It is the finest thing ever seen in this section.

Clark Taylor.—I want to thank you for the sample of "Farmer's Surprise" flint corn which you sent me last spring to try. I thought I had the best corn in the country, but your corn beats it by far. I believe it would yield 185 bushels per acre at least. My test was over that amount.

Now, farmers, with such as the above from different a score more of them just as **prise** is no experiment, and bushels of corn grow this year el last year, is to plant eur you will have it. This variety beautiful yellow flint corn you small cob, usually two ears is early, and **beats them** what every farmer wants ply of this corn to offer this for any one to order any more as it is all put up in **sealed** fcre we will not break them; for **more** than one bushel. many of our customers a

Now, look here, farmers! think our price is high on moment; Two dollars and a-half per bushel less 10c, the value of the bag would be \$2.40, and one bushel will plant 4 acres, which will be only 60c per acre for the seed, which, you will readily see, is a very insignificant sum for good seed. That, you see, only takes 6 bushels of common corn at 40c per bushel to pay for it, while we feel sure that your yield would be doubled—yes, in many instances, the yield would be more than four times as much as if you planted the same **run out, mixed up** variety you have been planting for years.

Remember, one and all, that this corn is already put up in **sealed bags** of one bushel each, and that no order from one person will be filled for **more** or **less** than this amount. If you do not want as much as one bushel, get a neighbor to order with you, but in every instance give the name of the one ordering with you. **Price, 1 bushel, (sealed bags) \$2.50.**

PROFIT CORN

WILL PUT FAT
ON YOUR HOGS

tests and recommendations counties, (and we could give good) our **Farmer's Surprise** the way to make two to four where you only had one bush **Farmer's Surprise**, and is the finest looking and most ever saw. Large, deep grain, on a stalk; grows good height, all for a **big yield**. Just We only have a limited sup-year, and it will be no use or less than one bushel of it, **one bushel bags**, there- neither will we fill an order as we wish to give just as chance at it as possible.

You may, at first thought, this corn, but let us figure a moment; Two dollars and a-half per bushel less 10c, the value of the bag would be \$2.40, and one bushel will plant 4 acres, which will be only 60c per acre for the seed, which, you will readily see, is a very insignificant sum for good seed. That, you see, only takes 6 bushels of common corn at 40c per bushel to pay for it, while we feel sure that your yield would be doubled—yes, in many instances, the yield would be more than four times as much as if you planted the same **run out, mixed up** variety you have been planting for years.

You Have a Chance

Every One Hundredth Order received
this year sent Free and
YOUR MONEY RETURNED.

FLINT VARIETIES.

MAMMOTH EIGHT-ROWED EARLY FLINT CORN—has proven all that could be wished for. Among the very desirable qualities of this wonderful Corn can be mentioned its enormous size, the ears being the longest of any variety of corn that is grows, either Flint or Dent. It grows to a good height. Each stalk bears from two to four ears under good cultivation. The great desideratum in a corn for northern farmers is that it should ripen early. **Bush. \$1.25.**

COMPTON'S EARLY—Especially valuable for the quantity and quality of ears produced, and makes a rich, palatable food when cured as silage. Its extreme earliness adapts it to Eastern and Northern Ontario, where it is a favorite sort. Ripens well, yielding an average of 3-32 tons of ears per acre **Bush. 90c.**

SANFORD WHITE—The best of all the White Flint varieties; it is very early, has abundance of leaves, and is suitable alike for green fodder or ensilage purposes; we highly recommend it. **Bush. 90c.**

LONGFELLOW—An eight-rowed yellow Flint variety, with ears 10 to 15 inches long; cob small; kernels quite broad; good ensilage and fodder corn; sappy; green stalk; very leafy, with fine long ears. **Bush. 90c.**

PEARCE'S PROLIFIC—Very early; eight-rowed; good deep kernel and very prolific. A very popular ensilage and fodder corn. Has given universal satisfaction in Quebec, Nova Scotia, New Brunswick, P. E. I., and Northern Ontario. **Bush. \$1.00.**

ONE HUNDRED DAY or **ANGEL OF MIDNIGHT**—This is, without exception the earliest yellow flint flint corn in cultivation; ears long perfect in shape; rows straight and even, well filled from butt to top, and has very small cob; eight-rowed; over sixty large, broad, flat yellow kernels to a row. **Bush. 90c.**

MITCHELL'S EXTRA EARLY—The earliest White Flint Corn grown. Ears 6 to 8 inches long; well filled, and with small cobs. It is the only corn that will mature in Manitoba and Northwest Ontario. **Qt. 20c; post-paid 25c; peck \$1.25.**

FODDER VARIETIES.

GENUINE MAMMOTH SOUTHERN SWEET—Our Celebrated M. S. S. (*Mammoth Southern Sweet*) has given better and more general satisfaction than any other variety of fodder and ensilage corn. The growing properties of this corn are better than any other variety we ever handled. There is really no danger of a failure of this corn by its not growing. It can be sown or planted, and will germinate when the Flint varieties will rot in the ground for want of heat. The stalks are very full of sugar (syrup having been made from them), and if planted in hills or drills, 3 to 3½ ft. in the rows, will develop ears fit for roasting. Put up in 2½ bush. sacks and branded with our trademark. Growth 95 per cent. **Bush. 80c; sack (2½ bush.) \$1.75.**

EVERGREEN SUGAR CORN (for Green Fodder)—This is better than any field corn for green fodder crops, from the fact that it is so very sweet and nutritious that cattle will eat every part of the stalks and leaves. One of the most valuable items on the list for stock farmers, and one which they should devote more land to. Last year our sale for it was fully three times that of the previous season, and it has everywhere proved highly satisfactory. Dairy farmers will find our Evergreen Fodder Corn good value and a safe crop for fodder purposes. It has a good stalk, filled with large, succulent leaves, which are greatly relished by stock. **Peck 50c; bush. \$1.50.**



Your Seeds Free

Every one hundredth order received this year, be it for 25c. or \$25, will be sent absolutely free. Try it. Remit the full amount of your order, and if you are the lucky one hundredth, **Money returned.**

Don't forget to remit for Bags--Linen, 10c; Cotton, 20c. each.

FIELD PEAS



BLUE PRUSSIAN PEAS.

hold them up, for, being of the same habit as the pea, they have a tendency also to run. **Bushel, \$2.**

SWORD OR FRENCH CANNER—One of the best peas we have sent out for years. Vine 2 to 2½ feet long pods long, slim and sword, shaped, hence their name, peas smooth and a large size, of a beautiful yellowish white color; pods well filled with from 7 to 9 peas. This is one of the best peas for new or heavy, strong land and will take the place of the old Crown variety. **Bush. \$1.25.**

BLUE PRUSSIAN—One of the earliest and at the same time the heaviest yielding and best strawed varieties grown. The peas are usually plump and very heavy, weighing, on an average, about 62 lbs. to the measured bushel. One of the best varieties for mixing with oats for green feed. **Bush. \$1.25.**

ENGLISH GRAY—This is one of the finest Field Peas grown, having a fine, medium length straw, with a good long pod, well filled with large, plump peas of a beautiful mottled gray color. We imported this variety two years ago. **Bush. \$1.25.**

CANADIAN BEAUTY—An entirely new white Field Pea; grain large; bright, clear color; of the White Marrowfat type. The straw is not coarse, but of fine quality, in this respect differing from almost all other strains of White Marrowfat. In point of productiveness it leads all Field Peas. **Bush. \$1.25.**

Also such well-known varieties as **Egyptian Mummy, Golden Vine, Prince Albert's, Multipliers, Black and White Marrowfats.** Prices on application.

Tares or Vetches

For Spring Sowing—**VETCHES** are grown for a forage crop. They can be cheaply raised, fed green, cured or ensilaged. In Scotland and England they are grown largely for this purpose, and where land is not adapted to hay, or is expensive, or pasture is poor and costly, it will pay to grow vetches as a forage crop. They are sown at the rate of one-half bushel to the acre, with about one-quarter bushel of oats

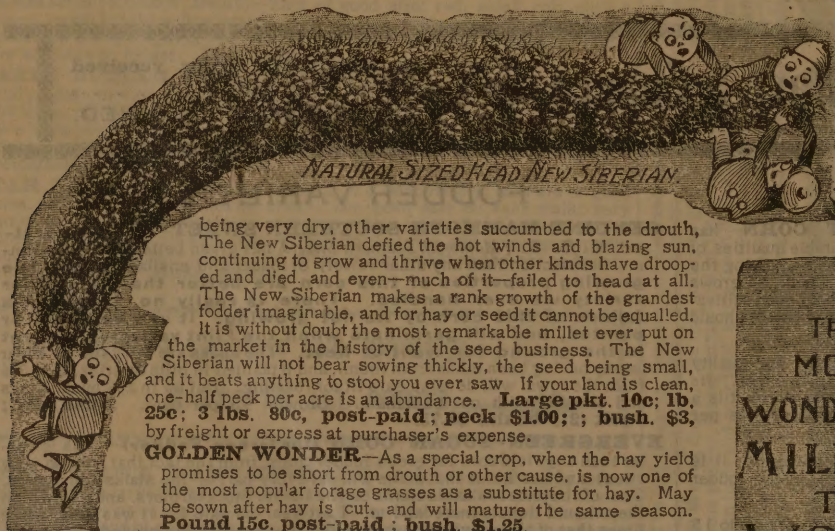


TARES OR VETCHES.

New Siberian

MILLET

Introduced by Count P. de Gloukhovsky, of Russia, into the United States, and it was our good fortune to obtain a small sample containing one ounce from a friend, which we sowed on our "Rosedale" Trial Grounds, and we can say that it is a most truly *Wonderful Millet*, producing more and better fodder from that one ounce than was obtained from four ounces of any other variety on the same size plot of ground, yielding 35 pounds of beautiful, clean, plump seed. The weather



being very dry, other varieties succumbed to the drouth. The New Siberian defied the hot winds and blazing sun, continuing to grow and thrive when other kinds have drooped and died, and even—much of it—failed to head at all. The New Siberian makes a rank growth of the grandest fodder imaginable, and for hay or seed it cannot be equalled. It is without doubt the most remarkable millet ever put on the market in the history of the seed business. The New Siberian will not bear sowing thickly, the seed being small, and it beats anything to stool you ever saw. If your land is clean, one-half peck per acre is an abundance. **Large pkt. 10c; lb. 25c; 3 lbs. 80c, post-paid; peck \$1.00; bush. \$3.** by freight or express at purchaser's expense.

GOLDEN WONDER—As a special crop, when the hay yield promises to be short from drouth or other cause, is now one of the most popular forage grasses as a substitute for hay. May be sown after hay is cut, and will mature the same season. **Pound 15c, post-paid; bush. \$1.25.**

TRUE GERMAN (also called Manitoba, British Columbia, Pearl and Hog Millet)—Unlike any other variety of Millet, it has a branching head, similar to the old-fashioned cane head. Grows from 3 to 4 feet high, has an abundant growth of fodder on the stalk. **Pound 15c, post-paid; bush. \$1.**

SALZER'S DAKOTA—This is an excellent variety, a very strong grower producing a large amount of foliage. Grows to a good height, stands up well, yielding of green feed, 5 to 8 tons to the acre. **Lb. 15c., post-paid; bushel, 75c.**

THE
MOST
WONDERFUL
MILLET,
THE
WORLD
HAS EVER
PRODUCED.



Mammoth Russian Sunflower—The Giant of all Sunflowers—Growing to double the size of the common sunflower, and the yield of seed is **twice as great.** 125 bushels to the acre have been grown at a less expense than corn. Highly recommended for poultry, the best egg-producing food known. The leaves make splendid fodder, much relished by all kinds of stock. The seed is good feed for horses, and yields a fine quality of oil. The strong, thick stalks are used for fuel; in fact, there is no waste in its production. **Lb. 15c, post-paid, 19c.**

A Barley without hulls or beards, and heavy as wheat, is a grand thing. Don't you think so?

An Interesting
Page of . . .

Fodder and other Seeds.



Mammoth Russian Sunflower.

The Giant of all Sunflowers—Growing to double the size of the common sunflower, and the yield of seed is **twice as great**. 125 bushels to the acre have been grown at a less expense than corn. Highly recommended for poultry, the best egg-producing food known. The leaves make splendid fodder, much relished by all kinds of stock. The seed is good feed for horses, and yields a fine quality of oil. The strong, thick stalks are used for fuel; in fact, there is no waste in its production. **Lb. 15c; post-paid, 20c.**

Teosinte (Reana Luxurians.)

This gigantic Grammea will furnish a continuous daily supply of most nutritious green food for horses and all kinds of cattle all through the summer. Also makes splendid dry fodder, yielding enormously, and being more nutritious and better relished by all kinds of stock than corn fodder, in appearance it somewhat resembles Indian Corn, but the leaves are much larger and broader, and the stalks contain sweeter sap. In its perfection it produces a great number of shoots, growing ten to twelve feet high, very thickly covered with leaves, yielding an abundance of forage; stools out enormously after being cut, as many as forty-five stalks having been grown from a single seed. Sow in May or June, at the rate of three pounds per acre, in drills three and one-half to four feet apart. **Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1. post-paid.**

JERUSALEM CORN

Belongs to the non-saccharine sorghums, and was brought a few years since from the arid plains of Palestine; pronounced by all who have grown it the best and surest crop for dry countries and seasons. Grows about three feet high. The grains are pure white and nearly flat. Three pounds will plant an acre. The cultivation is the same as for Kaffir Corn and other forage plants. **Lb. 20c; 3 lbs. 50c, post-paid.**

SPRING RYE

Distinct from the winter rye; grain of finer quality, and more productive; can be successfully grown in any latitude, and is now being largely sown in place of oats, being a much more profitable crop, on account of the production of nearly four times the straw, and also as a "catch" crop where winter grain has failed. The straw is equally as valuable as that of the fall or winter rye, standing stiff 7 to 8 ft. high; produces 30 to 40 bushels of grain per acre. As it does not stool like winter rye, not less than two bushels per acre should be sown. **Lb. 15c, post-paid; bush. \$1.00.**

HUNGARIAN GRASS

Very valuable hay for stock raisers, and yields a good supply; should be cut when in bloom and the fibre will not be too woody for feeding stock. **Post-paid, lb. 15c.; at purchaser's expense, bush. 85; 5 bush. \$3.75.**



KAFFIR CORN.

Is now successfully cultivated for both forage and grain in all sections of the United States. Will make a fine crop of forage if cut in early bloom, and the shoots that then follow will mature a full crop of seed and forage. Both grain and fodder are excellent, the whole stalk tender to the full maturity of seed. There is no failure about it, as it possesses the qualities that all the tribe possess, of **waiting for rain** without any loss of capacity to yield. The grain makes a flour that is like wheat. Cultivate the same as our common Indian Corn, requiring four to five pounds of seed per acre. **Pkt. 5c.; ½ lb. 10c.; lb. 15c.; 3 lbs. 40c. post-paid.**

Early Amber Sugar Cane.

The high value of Northern-grown sugar cane for fodder and ensilage is becoming rapidly known. It may be made to furnish the principal food for cattle and horses from August until the following spring. When fed down young as a pasture it grows rapidly again. It also withstands severe drought with the best of this class of plants. As a fodder and for winter feed it is one of the most economical. The Early Amber is also the best variety for sugar, as it matures quickly, and has been cultivated as far north as St. Paul, Minn. The seed is valuable also as food for horses and cattle, and is greedily eaten by poultry, increasing the egg production. **Lb. 10c; post-paid, 15c; 3 lbs. 35c, post-paid.**

BROOM CORN

Improved Evergreen—The best variety for general cultivation on account of color and quality of brush; ripens very early, grows about eight to ten feet high, brush of good length, fine and straight, and always of green appearance when ripe. **Lb. 15c; post-paid 20c; 3 lbs. 50c.** By express or freight, **10 lbs. \$1; 25 lbs. \$1.75; 100 lbs. \$5.75.**

SAND OR WINTER VETCH.

Vicia Villosa succeeds and produces good crops on poor, sandy soils as well as on good land; grows to a height of four or five feet. It is perfectly hardy throughout the United States, remaining green all winter, and should be sown in the Spring, mixed with oats, spring rye or barley; or during August or September, with winter rye, which serves as a support for the plants. The earliest crop for cutting, being hardier and nearly a month earlier than Scarlet Clover, and a full crop can be taken off the land in time for planting spring crops. Every dairyman and stock-breeder in the country should have a field of it, and if you try it once you will never be a season without it. It is exceedingly nutritious, eaten with relish, and may be fed with safety to all kinds of stock. Sow one bushel per acre with one-half bushel of rye, oats or barley. **Lb. 20c; 3 lbs. 50c, post-paid; 10 lbs. \$1; bush. (60 lbs.) \$5.00, by freight or express.**



BUCKWHEAT

Japanese Buckwheat—The kernels of this variety are nearly twice as large as the common kinds; the straw is stouter and heavier; it branches more, and does not need to be sown as thickly. The flour made from it is equal to that made from any other sort. It is a very heavy cropper, and all those who have grown it are enthusiastic in its praises. Just the variety to grow for exhibition purposes. **Lb. 15c, post-paid; bush. \$1.**

Silver Hull—Continues longer in bloom than any other variety, therefore better for bees. Makes excellent flour. **Lb. 15c, post-paid; bush. \$1.**

Common Gray—Price on application.

ENGLISH HORSE BEANS

This is the variety of beans recommended by Prof. Robertson, of the Dominion Experimental Farm, to be planted with corn and sunflower seed for ensilage purposes. Planted in May, the beans grow to a height of 3 to 3½ feet, and when cut are in most cases green and succulent. **Bush. \$1.75; peck, 50c; lb., post-paid, 15c.**

SOJA BEANS

(*Soja hispida*)—Valuable as a field crop as an improver, and for forage and feeding purposes. The great nutritive value of these beans, combined with the enormous yield, make it a most valuable and economical crop to grow for stock-feeding purposes. It is also strongly recommended for green fodder and ensilage, and will yield largely on suitable soil. Has a stiff stalk, holding the pods well off the ground, and matures all the beans together late, enabling the farmer to cut the stalk with the seed, and save the product without going to the great expense of pulling the pods off. They can be fed vines and all together or can be easily knocked out when dry, or they can be left standing and pigs and stock turned into them; and farmers adopting this plan will find that they can feed hogs profitably to compete with the Western States. The North Carolina Experimental Station reports the yield per acre of Soja Beans, at 4,415 lbs. (air dried); cow peas 1,895 lbs.; fodder corn, 3,734 lbs.; sorghum, 4,578 lbs.; buckwheat, 1,780 lbs. By analysis we have in the seed of the Soja Bean about fifteen times as much fat as in the black pea, thirteen per cent. more protein, or muscle-forming substance, but twenty per cent. less heat-giving substance. The entire plant has about five times as much fat, twice as much protein, or muscle-forming substance; and ten per cent. less of heating substance. Sow half a bushel per acre broadcast, or plant in drills three feet apart, and one to one and a half feet between the plants, dropping two or three beans in each hill. Requires about eight pounds per acre. **Lb. 15c; post-paid, 20c; peck \$1.00, by freight or express at purchaser's expense.**

Permanent
and other
Pasture

Grass Seeds

We will always be pleased to afford reliable information on Grass Seeds, etc., to any of our correspondents. Buyers of Grass and other Seeds should write to us for samples and carefully compare samples before purchasing elsewhere.



HUNGARIAN BROME GRASS.

20—Varieties of Grasses and Clovers for—\$1.00.

Recognizing that a great many customers requiring Grasses and Clovers do not know the varieties, know whether they will suit their land or locality, we have put up a collection containing 20 different kinds, 1 large pkt. of each all correctly and distinctly named, sent post-paid for \$1.00. We would particularly recommend the above collection to our thousands of Manitoba and N. W. T. customers.

HUNGARIAN BROME GRASS

(*Bromus inermis*)—The great Forage Grass of Russia. This Grass is certainly the greatest boon ever discovered. Not only is it the grass for dry sections, but it can be raised on almost all kinds of soils and in any climate. It being a native of Russia makes it particularly desirable for our North-west.

DESCRIPTION.—It originated in Russia, and is recommended on account of the manner in which it has stood on the Hungary Plains, where the dry sterile nature of the country and the long-continued drouths make so many plants succumb. This *Bromus*, however, stands well, and has been known for thirty years to stand when such robust crops as Lucerne have been destroyed. It gives a luxuriant crop, particularly on fresh sandy loam soil, and where the climate is warm. It is found that animals eat it greedily, whether green or dry, so that it can be used as mown or saved for winter use. **Lb. 17c, post-paid 22c.; 100 lbs.; \$13.50.**

MEADOW FESCUE.—Our climate and soil seem to be particularly adapted to its growth. A grass of great value, growing to the height of four feet, and produces a great amount of hay per acre. Grows naturally on moist soils and has no superior as a pasture grass sown with other grasses. **Lb. 20c, post-paid 25c.; 100 lbs. \$17.50.**

ITALIAN RYE GRASS.—A grand grass, arrives early at maturity, has a great abundance of delicious foliage of a lively green color, and grows taller than English rye grass. It is a wonderfully rapid grower and returns heavy hay crops. Thrives easily. Sow 20 lbs. per acre. **Lb. 10c, post-paid 15c.; 100 lbs. \$8.**

ORCHARD GRASS. (*Rough Cocksfoot*)—This is one of the most valuable and widely known of all the grasses, being of exceptional value on account of its earliness and its rapidity of growth. After being mown it produces a luxuriant aftermath. It is quick to recover from close cropping—"five or six days being sufficient to give a good bite." It is relished heartily by all kinds of stock. It succeeds on almost any soil. Weight, 14 lbs. per bushel. **Lb. 20c, post-paid 25c.; 100 lbs. \$15.**

PERENNIAL RYE GRASS (*Lolium Perenne*)—A nutritious permanent grass for pastures and meadows. Sow 3 bushels to the acre; 22 lbs. to the bushel. **Lb. 10c, post-paid 15c.; 100 lbs. \$8.**

TIMOTHY—HERD'S GRASS or CAT'S-TAIL (*Phleum Pratense*)—A well-known variety. Price variable. **Lb. 10c, post-paid 14c.; 100 lbs. \$3.75.**

RED-TOP GRASS (*Agrotis Vulgaris*)—Re-cleaned; valuable for pasturage as a mixture in meadows and pastures. Sow 2 bushels to the acre; 14 lbs. to the bushel. **Lb. 15c; post-paid 20c.; 100 lbs. \$12.**

CREeping BENT GRASS (*Agrotis Stolonifera*)—Valuable as a mixture with other pasture grasses; will thrive in moist land. Sow 2 bushels to the acre; 14 lbs. to the bushel. **Lb. 20c, post-paid, 25c.**

CRESTED DOG'S-TAIL (*Cynosurus Cristatus*)—A grass for sheep pastures on dry, hard soils and hills. Sow 25 lbs. to the acre. **Lb. 35c, post-paid, 40c.**

KENTUCKY BLUE GRASS (*Poa Pratensis*)—Fancy, extra clean. This grass yields, at a very early period of the season, herbage of the most nutritious properties; thrives in moderately dry soil. 14 lbs. to the bushel. **Lb. 15c, post-paid 20c.; 100 lbs. \$12.**

CANADIAN BLUE GRASS (*Poa Compressa*)—Differs from the Kentucky variety in its flattened wiry stems. By reason of its creeping rootstalks it forms a fine turf. It thrives well on dry and poor soils. **Lb. 12c, post-paid 17c.; 100 lbs. \$8.**

HONEY, or MEADOW SOFT GRASS (*Holcus lanatus*)—A variety having fibrous roots. It grows 3 feet in height and is suitable for all soils; the richest and the poorest, but attaining the highest degree of luxuriance on light moist or peaty soils. While no variety suits better for lawns, it is however, of no use for cattle. **Per lb. 20c.; post-paid 25c.**

SHEEP'S FESCUE (*Festuca ovina*)—Not over six inches in height: it has a fine sweet foliage, well adapted to the masticating organs of sheep, and for producing delicate mutton, but totally unfit for hay. An excellent grass for lawns, requiring little mowing. **Per lb. 25c.; 10 lbs. \$2.**

WOOD MEADOW GRASS (*Poa Nemoralis*)—There is no grass better adapted for pleasure grounds, particularly under trees, as it will not only grow in such places, but succeeds where few other grasses can exist. Sow 25 lbs. to the acre. **Per lb. 40c., post-paid 45c.**

RED MEADOW FESCUE (*Festuca rubra*)—An excellent variety, suitable for lawns exclusively, on account of its creeping nature, not growing over one ft. in height, requiring little mowing, and forming so thick a turf as to suffer few intruding plants. **Lb. 20c, post-paid 25c.; 10 lbs. \$1.75**

HUNGARIAN BROME GRASS.

This is certainly the Grass for the Northwest.

FROM THE REPORT OF MR. ANGUS MACKAY, SUPT. EXP. FARM, INDIAN HEAD, N. W. T.: Awnless Brome Grass (*Bromus inermis*) returned a fine crop of hay the past season. On portions of the fields that were allowed to ripen seed the previous year the yield was less than on parts cut for hay at the proper season. This grass has been grown on the Experimental Farm for the past six years, and has never failed to give good returns of hay or pasture. After the third crop the hay becomes very fine on account of the grass thickening very much at the roots. Between thirty and forty acres were sown with *Bromus inermis* the past season. The first sowing was done on April 27th, and the others on May 26th and June 3rd, and in each case a good catch was obtained. The five-acre field sown on April 27th was run over with mowing machine once, and later with binder to keep weeds in check. The balance was mown over once. Cattle were turned on the fields in September and continued to find good picking until snow fell in November. The early sown produced the best crop.

PROF. SAUNDERS, OF THE DOMINION EXP. FARM, SAYS: "Of all the grasses now in general cultivation which we have tried, this is by far the most promising. Has produced nearly four tons of hay to the acre. It is very hardy, early, a heavy cropper, and produces a heavy aftermath of succulent, leafy shoots; thrives well in loose soil and withstands drouths, producing extra heavy crops in rich, damp soil."

THE EXPERIMENTAL GRASS STATION AT GARDEN CITY, KANSAS, SAYS: "We have grown *Bromus inermis* successfully, and we think it is the coming grass for the arid regions of the West. It is green from the middle of March to about November. It is the great grass for hot, dry climes and soils. It will grow on all kinds of soil, even on yellow sand, and is equally good for pasturing, curing into hay or cutting green. All kinds of stock eat it readily, and it is very rich in nutritive value. Perennial, 2 to 5 feet high, flowering in June and August."

Let us have your Order this year—we will try to please you.

Excelsior Lawn Grass Seed



There is no question but that a nice velvety lawn adds more to the beauty of a place than any other adornments. How often a home costing several thousand dollars is erected, and then the planning and grading of the grounds is turned over to some ignorant but pretentious laborer who is installed to make the lawn. As a result, the beauty of the place is forever marred. Here is an opportunity to display as much taste and art as in the construction of the dwelling itself. In fact, everyone has noticed how even a modest home often shines like a jewel when tastefully set in proper surroundings. Do not spend money in sodding a lawn, for it is expensive and seldom satisfactory. When sod is cut from the road side or some out-of-the-way pasture, it is poor in quality and full of weeds, and when unevenly laid produces a rough surface that disfigures the lawn. Our Lawn Grass seed is a mixture of about a dozen varieties of grasses which our years of study and experiment have proven to be best adapted to growing together. This mixture is made by ourselves from new crop, re-cleaned pure seeds of the best varieties, well suited for even and permanent growth, as good as money can buy. It cannot be excelled for producing a rich

velvety lawn of beautiful dark green color. The grasses are selected so that from the earliest spring through the hot summer months until winter it will keep its rich, green carpet effect. By the use of this, our best mixture, your lawn will always look well.

QUANTITY OF SEED REQUIRED TO SOW AN ACRE (43,560 sq. ft.)—For new lawns, not less than four bushels; for renovating old lawns, from one to two bushels. **A pound of our mixture will sow about 500 square feet.**

TIME TO SOW—Lawn seed can be sown at almost any time from early spring to late in the fall, but the best time is very early in the spring, or about September 1st, depending somewhat on the condition of the season at the time of sowing.

No. 1 "Victoria Park" Mixture—Desirable for all exposed or sunny situations.

No. 2 "Queen's Park" Mixture—For shady lawns; adapted for all situations where it is almost impossible to get ordinary grasses to stand.

Price of the above mixtures: Per lb., 25c., post-paid, 30c.; bushel (14 lbs.), \$3 by freight or express at purchaser's expense.

Our Everlasting Mixture for all Soils and all Climates

We have grown in a small way, *Bromus Inermis* and *Alfalfa* Clover together, and have made a mixture which we call our Everlasting Mixture. This is composed of *Alfalfa* and *Bromus* properly mixed to give the very best results. There is not a farmer in Canada who has tested some but endorses it emphatically. You will do the same by giving it a trial, but by all means buy your seed from us, as we are the only seedsmen in Canada offering same. Sown in spring at the rate of 20 lbs. per acre you will get a meadow which will astonish you in 1901, and from which you ought to get from 4 to 7 tons of hay one year after seeding. **Lb. 20c, post-paid, 25c.; 20 lbs. (enough for 1 acre) \$3, post-paid, \$4; 100 lbs. \$14, by freight or express at purchaser's expense.**

ONTARIO AGRICULTURAL COLLEGE, GUELPH, FORMULA OF GRASSES AND CLOVERS FOR PERMANENT PASTURES:

6 lbs. Meadow Fescue, 3 lbs. Timothy, 2 lbs. Canadian Blue Grass, 3 lbs. Orchard Grass, 3 lbs. Red-top Grass, 4 lbs. Lucerne Clover, 1 lb. White Dutch Clover, 1 lb. Alsike Clover, 2 lbs. Red Clover; totals, 17 lbs. Grasses and 8 lbs. Clovers, being the quantities required for an acre. **\$3 for 25 lbs.; lb. 15c., post-paid, 20c.** If larger quantities are wanted, please write for price.

SPECIAL MIXTURES FOR PERMANENT PASTURES.

Table showing the proper quantities to Sow on an acre of Light, Medium or Heavy Soils, for Permanent Pasture.

KIND.	Price, per acre.	No. 1. Light Soils. \$8.00.	No. 2. Medium Soils. \$8.00.	No. 3. Heavy Soil. \$7.50.	No. 4. For Orchards and Shade. \$7.50.
		2 lbs.	3 lbs.	4 lbs.	3 lbs.
Timothy	<i>Phleum pratense</i>	4 "	4 "	6 "	3 "
Red Top	<i>Agrostis vulgaris</i>	8 "	6 "	4 "	6 "
Orchard Grass	<i>Dactylis glomerata</i>	2 "	2 "	1 1/2 "	—
Meadow Fescue	<i>Festuca pratensis</i>	—	2 "	2 "	2 "
Hard Fescue	<i>Festuca duriuscula</i>	—	1 "	4 "	1 "
Tall Fescue	<i>Festuca elatior</i>	2 "	2 "	4 "	5 "
Blue Grass	<i>Poa pratensis</i>	4 "	4 "	2 "	6 "
Rough Stalked Meadow	<i>Poa trivialis</i>	—	2 "	4 "	—
Perennial Rye Grass	<i>Lolium perenne</i>	2 "	3 "	3 "	2 "
Meadow Foxtail	<i>Alopecurus pratensis</i>	1 "	2 "	2 "	4 "
Crested Dogtail	<i>Cynosurus cristatus</i>	2 "	1 "	1 "	—
Wood Meadow	<i>Poa nemoralis</i>	1 "	1 "	—	—
Yellow Oat Grass	<i>Avena flavescens</i>	2 "	1 "	—	—
Sweet Vernal	<i>Anthoxanthum odoratum</i>	2 "	4 "	4 "	5 "
White Clover	<i>Trifolium repens</i>	4 "	1 "	1 1/2 "	—
Alsike Clover	hybridum	1 "	—	3 "	3 "
Perennial Red Clover	pratense	2 "	3 "	—	—
		39 lbs.	41 lbs.	41 lbs.	40 lbs.

Our Lawn Grass Seed is the Best Mixture in the trade.

Pure
Re-Cleaned

Clover Seeds

As Clover is a fluctuating article, we will not be bound by the following prices.

CLOVERS—Prices subject to change without notice.

Write for Samples and Special Prices when you are in the market to buy in large quantities. We can save you money on every deal.



SANFOIN CLOVER.

LUCERNE, ALFALFA or FRENCH, will grow on any land that will produce wheat, corn or potatoes, and will thrive on very light sand or gravel, and does well on clay. But will not grow on land that the water stands within one foot of the surface. Although particular about wet land, it will stand any amount of wet in the summer, provided there is plenty of drainage; also will stand all the water that may fall in the winter. Will yield about an average of six tons per acre, although it has yielded twice that amount. It is perennial. The best method is to sow broadcast, 15 lbs. per acre where land is in good condition; on weedy land, or clear gravel or sand that is very poor, about 3 lbs. more. You cannot get a crop from it the first year; but do not get discouraged if the plants are on an average often inches apart—little, slim, single stems about 4 or six inches high; your prospect is good that you will have 4 tons per acre next year, and the next year will be as good as ever it will be and stand that way for ten years. It is best to sow in the spring with oats. When rain is plenty no cultivation is needed; do not manure it, as it thrives as well on washed sand as it does on the best garden spot. In a few years it will convert a clear sand into a rich land; this is owing to the decay of its roots. Cut when in full bloom; a little old is better than too young; try to cure without getting it wet. Rake into windrows if cut with a machine; let it dry until leaves fall off when roughly handled; put it in piles of about a forkful to cure. Not many animals take it when dry, without having it in their manger for two or three days with other hay, then you will see them eat the Lucerne in preference to any other. Do not let hungry cattle get it while green, especially if wet. If you wish to pasture them on it, first feed them all they can eat and then turn them on the green Lucerne, and no harm will come to them. It is the best thing to renew old, worn-out land that we ever saw, and there is not a weed in this country that can stand before it. **Lb. 15c., post-paid 20c.; bushel (60 lbs.) \$7.00.**

CRIMSON OR SCARLET (*Trifolium incarnatum*)—Crimson clover is an annual, and when ripe to cut for hay or seed it never starts again. Sown in April or May. It is a very rank grower, some stools counting as many as 120 to 140 blossoms from one seed. It will grow and make a heavy crop of hay or seed on land so poor that the common clover would do but little. The quantity of seed to sow per acre is from 10 to 15 lbs. When land has been plowed and harrowed well, there is no better way than to sow seed and then go over with a plank drag. This we like much better than a roller. A large acreage is sown at the last harrowing of corn; some sowing seed and then harrowing; others sowing after the harrow. We think much the best way is to sow seed and then harrow, but not too deep. This generally gives a good stand. Stock of all kinds appear to do much better on it than on the

red clover cut and used in same way. Several large farmers here have fed it to their work teams in spring through their hardest work, and claim that the teams stood work better than ever before. **Lb. 15c., post-paid 20c.; bushel (60 lbs.) \$6.00**

SANFOIN CLOVER—A New Forage Plant. **Esparet or Sanfoin Clover**, as it is sometimes called, is grown very extensively in every part of Europe on land where it is impossible to secure a stand of other grasses; but as yet this most excellent clover is but little known. In England, sown on land that could only be rented for \$1 per acre, has within a period of 20 years so enhanced the fertility of the soil that the same ground can be readily rented for \$7.50 per annum. One writer going so far as to say: "There are many parts of the United Kingdom in which a farmer could not pay his rent without the use of this Clover." In Norfolk, on the poorest sandy lands, it has produced the second year, as high as 2½ tons of cured hay per acre on soil that was worthless for anything else. Esparet is a perennial, usually sown in the spring; it equals any clover in nutrition and flesh-forming qualities, no grass grown requires so little pains to cure. The seed being much larger than other varieties of clover it should be covered deeper. It can be sown with oats and harrowed in. Thrives best on dry, chalky and sandy soil. On heretofore barren wastes, when once thoroughly established, it has produced two abundant crops in a season. There is no doubt that in this country, as soon as the merits of Esparet become known, it will prove the most valuable of our heat-resisting clovers. Seed weighs 26 lbs. to the bushel. **Lb. 15c., post-paid 20c.; bushel \$3.25.**

LARGE RED GERMAN or MAMMOTH PEAVINE (true)—Very valuable for plowing under for manure. **Lb. 15c., post-paid 20c.**

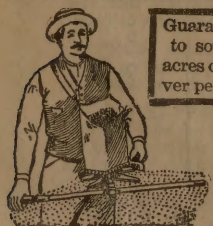
ALSIKE or SWEDISH—Very hard, and yields abundantly on rich, moist soils; also excellent for pasture. **Lb. 15c., post-paid 20c.**

BOKHARA CLOVER (*Mellilotus alba*)—For bees; of large and vigorous growth; blooms early in August; may be cut three times during the season and yields from three tons upward of hay per acre. For hay or fodder, cut when green. Grows to 2 feet high; has a white and very sweet-scented blossom most valuable for bees. Sow in spring. **Lb. 15c., post-paid 20c.**

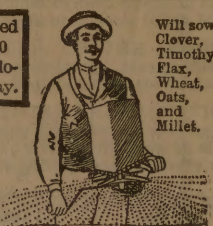
WHITE DUTCH—Highly esteemed for permanent pastures and lawns. **Lb. 20c., post-paid 25c.**

MEDIUM RED—Too well-known to need any description. Prices variable. **Lb. 15c., post-paid 20c.**

YELLOW or TREFOIL—Valuable for pasture; should always be sown in mixture with other sorts. **Lb. 15c., post-paid 20c.**



Guaranteed to sow 60 acres of clover per day.



Will sow Clover, Timothy, Flax, Wheat, Oats, and Millet.

THE ... LITTLE GIANT

THE BEST IN THE MARKET.—As can be seen by the illustrations, it is simple in construction, light, strong and durable, and has a pressed tin distributing wheel, something found in no other seed sower and the easiest running machine known, having no feed-plate to carry, and weighing but three pounds complete. The agitator or force feed in the Little Giant does not require seed to be cleaned, and will sow orchard or blue grass.

IT WILL DISTRIBUTE all kinds of Fertilizer, Land Plaster and Ashes. Flax and Clover Seed 36 feet to the round; Wheat 50 feet to the round; Buckwheat 46 feet to the round; Barley 40 feet to the round; Timothy Seed 27 feet to the round; Oats 36 feet to the round, etc., etc., etc. The grain sack holds nearly a bushel. **IT RECOMMENDS ITSELF ON SIGHT. Price—Geared, \$2.25.** These can be sent by express or freight with other goods and save postage.

post-paid \$2.75; Fiddlebow, \$1.75, post-paid \$2.25.

ORDER BY
NUMBER ONLY.

PLANT DEPARTMENT.

ALL plants sent after danger from frost is past. They are all good, strong, healthy plants, which can be sent by mail. ALL PLANTS SENT POST-PAID AT PRICES QUOTED, EXCEPT WHERE NOTED. Large plants will be sent by express (at purchaser's expense), but we always put in EXTRAS to help any charges. If wanted by express it must be distinctly stated on the order, otherwise all plants will be sent by mail.

ABUTILON

The Abutilons are often called Flowering Maples. They are well adapted for greenhouse or house culture; of vigorous growth, clean foliage, and give a profusion of beautiful pendulous bloom.

300 **Eclipse**—An excellent plant for baskets or vases, of trailing habit, large foliage, marked deep green and yellow. Flowers bright yellow with crimson throat. Each, 10c.

301 **Golden Fleece** (Golden Bell) — Far eclipsing all others of its kind and color; flowers a rich golden yellow. Each, 10c.

302 **Thompsonii Plena**—The first double flowering Abutilon in existence, like a miniature hollyhock; deep orange, shaded and streaked with crimson. Each, 10c.

303 **Souvenir De Bonn**—A very distinct and striking new plant with large bright green leaves, distinctly edged with a pure white band, as shown in illustration; flowers are bright orange, veined with crimson. Each, 15c.

304 **AGERATUM "Princess Pauline"**—A fine novelty; very distinct and beautiful. The body or centre of the flower is white, while the stamens forming an outer ring are sky blue, giving the flower a pretty variegated appearance. Dwarf, compact habit, rarely exceeding 8 inches in height; very desirable. 15c. each; doz. \$1.50.

305 **ASPARAGUS Plumcosus Nanus**—One of the most decorative vines recently introduced; adapted to the same uses as Smilax, as easily grown, and very much more beautiful on account of its light, feathery growth. Is always scarce, brings high price. Each 15c; doz. \$1.50.

306 **ASPARAGUS Sprengeri**—Grown in large pots or in hanging baskets it makes one of the finest and most graceful plants that it is possible to imagine, rivaling in beauty the Boston Fern. It will prove one of the most useful plants for decorative purposes; it is also valuable for cutting for use in fine cut flower work. Fine strong plants, 3½ in. pots, 25c. each.

307 **AMPELOPSIS VEITCHII** The popular Boston or Japan Ivy, which clings firmly to any wall, tree, etc. The leaves, which at first are of an olive-green brown color, change to bright scarlet in the Autumn. This variety becomes more popular every season, and is without question one of the very best climbing plants for covering brick, stone or wooden walls that can be grown. Each, 15c.; \$1.50 per doz.

308 **BROWALLIA Gigantea (New)**—A charming new flowering plant that may be put to many useful purposes. The plant is a strong, compact, bushy grower, producing a profusion of florets about 1 to 1½ inches in diameter, of an intense indigo blue, fully as intense as the Marie Louise or California Violet. It bids fair to supplant the Lobelia as a bedding plant; is valuable for cut flowers as it is never out of flower, and may be grown as a flowering plant for Easter sales. Flowers may be used with violets in design work as the colors are identical. Propagates easily. Strikes in brisk bottom heat. 10c. each.



ABUTILON—SOUVENIR DE BONN.



BEGONIA SEMPERFLORENS GIGANTEA.

BEGONIAS—Tuberous-rooted Varieties

This charming class of Begonias are perhaps the handsomest of all summer-flowering tuberous-rooted plants, and deserves much greater popularity. Their culture is of the simplest, and will repay with such an abundance and brilliancy of bloom, not equalled by any other class of plants; they delight in a rich, mellow, well-drained soil, where they can be liberally supplied with water, preferable in a position where they will be shaded from the direct rays of the sun during the hottest hours of the day, and will succeed equally well grown as pot plants for the conservatory or window garden.

309 **Single**.—Scarlet, orange, crimson, pink, white, yellow. 10c. each; set of 6 colors, 50c.

310 **Single**.—All colors mixed. 8c. each; 75c. per doz.

311 **Double**.—Scarlet, pink, white, yellow. 30c. each; set of 4 colors, \$1.00; \$2.50 per doz.

312 **Double**.—All colors mixed. 20c. each; \$2.00 per doz.

ORNAMENTAL-LEAVED VARIETIES.

313 **Rex**.—Many improvements have been made in recent years in this useful house-plant. Our collection, which contains some 20 varieties, embraces all the good old varieties, as well as the best of recent introduction. 15c. each; \$1.50 per doz.

FLOWERING VARIETIES.

We know of no plants better adapted to amateur cultivation than these; as pot plants for Summer or Winter cultivation they have few equals.

315 **Haageana**.—It is of strong, erect habit, producing naturally very symmetrical plants. The flowers, which are of the largest size, and of a creamy white, with just sufficient pink to give them a bright cheerful glow, the foliage is of large size, is of a bronzy green above and red below.

316 **Alba Picta**.—It is shrubby in habit and of compact growth; the leaves are glossy green, freely spotted with bright, silvery white.

317 **Argentea Guttata**.—A cross between *Begonia Olbia* and *Alba Picta*, with foliage of large size, of rich green, spotted with silver; a beautiful variety.

318 **Metallica**.—A fine erect-growing variety with dark, rough leaves; the surface is a lustrous bronze-green; veins depressed and dark red.

319 **Rubra**.—Dark green leaves, flowers scarlet rose, glossy and wax-like.

320 **Saundersoni**.—Scarlet flowers, dwarf habit; in bloom continually.

321 **Sempervlorens Gigantea**.—The flowers of this sort are brilliant carmine red, borne in large panicles. The flowers are unusually large and brilliant, and stand well above the foliage.

322 **Thurstonii**.—A distinct and pretty shrubby variety, with thick, heavy foliage, which is of a rich metallic-green above and bright red underneath.

Price: 15c. each; set of 8 varieties, \$1.00.

323 **New Dwarf Scarlet Begonia Vernon "Bijou"**.—The good qualities of the *Vernon*, but on account of its brilliant scarlet color, will be much more prized. The plants are a solid mass of bloom from the time they are potted until destroyed by frost. 15c. each, \$1.50. per doz.

324 **Gloire de Lorraine**.—A winter-blooming variety, flowering from October to May, and when in bloom produces a solid mass of brilliant pink flowers. It is of compact habit. 25c. each.

We are still on deck. Our mail order business is the largest in the Dominion of Canada.

CANNAS—The Canna is the coming flower. It is here to stay. Imagine this most beautiful plant, bearing above its broad leaves spike upon spike of the most lovely scarlet and gold Gladiolus-shaped flowers, easier to raise than a Dahlia, and as hardy as a Chrysanthemum; as beautiful as any Orchid, and far more stately, and perfectly adapted for ornamenting every lawn or flower garden from early spring till latest autumn. They are simply grand. For outdoor cultivation plants should be purchased in the spring, and planted in beds or borders; the ground should previously be prepared and well enriched, adding a little sand if the ground is stiff and heavy. The plants will flower through the summer and autumn months. The varieties we offer are perpetual bloomers, specially selected for their fine foliage and bloom, and of dwarf habit, averaging 3 feet in height.

Price each, 12c.; 3 for 30c.; per doz. \$1.10.

- 325 **Charles Henderson**—A splendid dwarf, compact grower, throwing up erect compact heads of bloom, of large size; color bright crimson; very handsome bright green foliage; 2½ feet in height. An excellent pot plant.
- 326 **Explorateur Crampel**—Flowers of good size, borne in large heads thrown well above the foliage. Its color is bright, orange crimson with deep crimson markings; foliage green.



CANNAS.

- 327 **Florence Vaughan**—A grand bright golden yellow heavily dotted with bright red spots; very broad petals; forms an elegant flower; spikes large and compact. Of dwarf habit.
- 328 **Flamingo**—The grace and finish of a Hyacinth spike. Its habit is perfect, strong and compact, growing about 3 feet high.
- 329 **Mad. Crozy**—One of the finest; foliage bright green. Bears immense trusses of orange scarlet flowers each petal bordered with golden yellow. A splendid grower and free bloomer. About 3 ft high.
- 330 **Paul Marquant**—One of the most pleasing and beautiful on account of its large size and distinct novel color. Their color is a striking shade of bright salmon with a carmine tint.
- 331 **Queen Charlotte**—Flowers are large with broad rounded petals, slightly recurved; immense heads; stand well above the foliage and most attractive in color, being a bright orange scarlet, deeply edged with bright canary yellow. 1s dwarf.
- 332 **J. D. Cabos**—Medal awarded. Four feet. Purplish green foliage, stalks numerous, flowers large and round, color exceedingly distinct apricot.
- 333 **Alphonse Bouvier**—Of the many crimson varieties yet introduced, probably the grandest and most effective. In color it is a rich brilliant crimson, almost approaching scarlet when it first opens, changing to a deep dazzling crimson as the flowers fully develop.
- 334 **"Italia"**—Very distinct in coloring; flowers very large and always show five and frequently six segments. Three of the segments are golden yellow in color and have a large blotch of orange scarlet, surrounded by smaller blotches. The centre and lower segment is scarlet and bordered by a narrow edge of golden yellow. Price, 15c. each; 2 for 25c.
- 335 **"Austria"**—While not so gorgeous in coloring, is considered superior to Italia, owing to its larger flowers, its rapid growth and majestic Musa like foliage; fifth petals only being slightly spotted with crimson. Price 15c. each; 2 for 25c.
- 336 **Egandale**—A most excellent variety, with bronzy foliage and soft currant-red flowers, which are thrown well above the foliage; the best of its type attains a height of about 4 feet.
- 337 **Souvenir d'Antoine Crozy**—The richest gilt-edged variety yet introduced; the flowers are large, with well-rounded petals, which are of intense scarlet crimson, rich and dazzling, and are bordered with a broad rich golden-yellow band.

338 CYCLAMEN

Persicum Gigantum, or Grandiflorum—A large flowering form of *Cyclamen Persicum*. The flowers of this magnificent *Cyclamen* are of extraordinary size and of the most brilliant color. The *Cyclamens* are among the most beautiful winter and spring-flowering bulbs for window and greenhouse; flowers are not only of striking beauty, but the foliage is also highly ornamental. 15c. each.



CYCLAMEN.

339 CORDOLINE

or **Dracena-Cordoline Indivisa**. One of the most useful classes of plants for decorative purposes; narrow leaves are green and bronze; graceful plant for centre of vases or of hanging baskets. Each, 20c.



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CARNATIONS

352 **G. H. Crane**—We do not hesitate to recommend this as the coming scarlet carnation. A large flowering sort producing both quality and quantity. It comes into flower early and continues an even all season bloomer. In color, a clear brilliant scarlet with no tendency to fade. Growth strong and robust; clean, hard, broad foliage and makes a strong well formed plant. Received American Carnation Society Certificate in Chicago, February, 1898, scoring 92 points. Certificate and silver medal at Chicago Chrysanthemum Show, and certificate at Indianapolis, November 1898 15c.

- 340 **Mrs. James Dean**—Color, clear silver silvery pink. An exceptionally strong grower producing long flower stems and large blooms of good form. A free, even bloomer.
- 341 **Mrs. Geo. M. Bradt**—Clear white, heavily edged and striped with bright scarlet; large and full, with center petals erect, giving bloom a well rounded form; good calyx; strong and vigorous habit; constant bloomer from early to late; received gold medal at Atlanta and certificate at Chicago.
- 342 **Flora Hill**—"The Queen of Whites."—Regarded by many as the grandest white carnation that has been raised up to this time. The flower is of enormous size, full and double. It is a profuse and continuous bloomer; has a good calyx.
- 343 **Jubilee**—Intense scarlet of the richest shade; flowers much larger than any other scarlet introduced so far; borne on long straight stems, averaging 18 inches in length; calyx very strong, never bursts. A very free bloomer.
- 344 **Mayor Pingree**—Color, clear lemon yellow, lightly marked with pink and occasionally splashed with white; a very strong, robust grower; stems extraordinarily stiff, and from 18 to 30 inches in length. A splendid all-round variety, either for private or commercial establishments.
- 345 **Gold Nugget**—The best yellow carnation we have ever grown, and a prize-winner wherever shown. It is undoubtedly the best yellow variety that has ever been introduced. Color, deep yellow, very slightly marked with a strong grower, a free, early and continuous bloomer, with long, strong, stiff stems. First-class in every way.
- 346 **Mary Wood**—One of the largest of the white varieties. The delicate trace of pink entirely disappears when flower is fully developed. Its good substance, splendid keeper, and earliness of bloom is making it a very popular variety. Strong, heavy, compact growth and stiff stems.
- 347 **White Cloud**—Flowers are of the very largest size and of splendid form, with strong stems, holding the flowers perfectly erect. The stem is faultless—perfectly rigid, and very long; a very free bloomer.
- 348 **Victor**—A deep pink sport from *Daybreak*, which has been the best light pink carnation for years; *Victor* is considered by many expert carnation growers the best dark pink variety. It has all the good qualities of the parent, besides being a more vigorous grower and having a longer and stronger stem.
- 349 **Daybreak**—This is still the favorite light pink carnation. Wherever a light pink is grown, this is invariably the variety. Stem flower, and habit of plant are excellent. Color delicate shell or flesh pink. An exquisite thing in every respect.
- 350 **Eldorado**—The favorite yellow carnation, and the variety that is most generally grown. Flowers are large; a fine stem, strong and long; a healthy vigorous grower and a free bloomer.
- 351 **Lizzie McGowan**—This has long been the standard white, and is more generally planted than any other white variety.
- 352 **William Scott**—Probably the most popular pink carnation. Flowers of large size, borne on long, straight stems; petals sharply toothed; a very strong grower and free bloomer. 10c; \$1.00 doz.

353 CAREX JAPONICA VARIEGATA

A new ornamental Japanese grass which is extremely useful as a house plant, of easy growth, standing the dry atmosphere of heated rooms with impunity, and at the same time hardy if planted out in the garden in Summer. 15c. each.

354 CAMPANULA—Pyramidalis. (The Chimney Bellflower)

The most conspicuous of all Campanulas, and an attractive plant for the herbaceous border forming a perfect pyramid 4 to 5 feet high, crowded with large salver-like blue flowers. 25c. each.

355 COLEUS

Our collection of Coleus embraces all the standard well-tried varieties as well as the leading and distinct novelties of recent introduction. 10c. each; \$1.00 per doz.; \$6.00 per 100.

That little Implement, "The Weed Slayer," will save you \$ \$ \$. (See Implement pages.)

356 CHRYSANTHEMUMS—Mrs. Jerome Jones—A beautiful,

waxy-white, with broad incurving petals; one of the finest.

357 Mutual Friend—A reflexed pure white, from 7 to 11 inches in diameter and great depth of flower.**358 Pennsylvania**—A fine companion to Philadelphia from which it is a sport, possessing all the good points of that favorite, color rich bright yellow.**359 George W. Childs**—The best deep self-colored crimson variety in existence; flowers massive and of immense size, with broad stiff petals, rich dark velvety crimson, without a shade of brown or chestnut.**360 Golden Wedding**—Of a rich golden-yellow color, intense and dazzling. Flowers 10 to 12 inches in diameter, 4 to 6 inches in depth; petals broad and long, double to the centre without an eye.**361 Major Bonnaillon**—Soft, clear yellow, incurved, full in the centre; 6 to 7 inches in diameter and nearly as deep; form and finish perfect.**362 Mayflower**—Magnificent large incurved white, lower petals reflex; grand in every way.**363 The Queen**—One of the grandest white exhibition varieties.**364 Vivand Moeel**—Extra large flowers; petals long and loosely arranged; a beautiful light shade of pink.**365 Glory of the Pacific**—The best early pink; the first to come into bloom, being ready to cut October 8th. Strong, stiff stem and excellent foliage. A grand commercial variety. Dwarf.**366 Pink Ivory**—A pink sport of the well known White Ivory. Identical with it, except in color. Must be grown cool or will come white.**367 William H. Chadwick**—An immense graceful bloom, waxy white occasionally tinted pink. Growth, habit, stem and foliage simply perfect. Midseason or later. A grand late variety when grown on solid bed in cool house.**368 Mme. F. Bergman**—By many growers this is considered the best early white; its whole structure, stem, foliage and flower, are all good.**369 Mrs. Henry Robinson**—Will give a marketable flower early in October, hence it is so classed; when fully done it is grand, being large and deep; pure white; good for all purposes.**370 Black Hawk**—The darkest red yet raised—velvety crimson-maroon, showing no trace of the reverse color—the very color long desired among reds. As with all reds, beware of late feeding, and use a quantity of charcoal in the soil. Use late cuttings, either bud. Tall. Midseason.**372 Philadelphia**—Delicate lemon yellow; of splendid shape and finish. Indispensable for exhibition.**373 Niveus**—Grand white; easy to grow; one of the best cut flower varieties for either commercial or exhibition purposes.**374 Ivory**—A well-known variety; pure white, globular form, good for all purposes.

10c. each, \$1.00 per doz.

375 COBEA—Scandens—Elegant rapid-growing climbers, 20 to 30 feet high, that can be grown in the greenhouse or conservatory, or in the garden in summer, where from their luxuriance they are particularly desirable for covering arbors, walls, etc.; flowers are large and bell-shaped. Each, 10c.; 3 for 25c.**FUCHSIAS**—Well-known favorites for planting out in partially shaded positions during the Summer, or for winter flowering in the window or greenhouse through the Winter.

The following collection is a selection of the finest of the new and old varieties. Varieties marked with an * are double flowering.

376 Arabella—White tube and sepals, rose corolla; early.**377 Black Prince**—Bright waxy carmine, pink corolla.**378 *Gloire de Marches**—A grand double white variety, with crimson tube and sepals, of dwarf, compact habit.**379 *Jupiter**. Sepals coral red, corolla violet blue.**380 Monsieur Thibaut**—Flowers large, sepals dark red, corolla vermilion-tinted violet.**381 Minnesota**—Corolla deep rose, tube and sepals white.**382 *M. Alphonse**—Tube and sepals bright red, corolla reddish-violet.**383 *Phenomenal**—Rich crimson-purple, corolla full and double. (See cont.)**384 *President Gunther**—Light prune-colored corolla, with red sepals.**385 *Rosaine's Patri**—A fine very early flowering double white.**386 Wave of Life**—Golden foliage; crimson tube and sepals, and fine purple corolla.

Price: 10c. each; \$1.00 per doz.

387 FICUS (Rubber Plant)—Elastic—The well-known India Rubber Tree, one of the very best plants for table or parlor decoration. Its thick, leathery leaves enable it to stand excessive heat and dryness. 4-inch pot, 10 inch high, each 50c.**CLEMATIS**—The Clematis we offer this season are exceptionally fine strong plants, two years old; we have reduced the

number of varieties to such sorts as from experience we know to succeed best in our climate. Many failures in the growing of Clematis are the result of too shallow planting; the crown of the roots should be set at least 3 inches below the surface of the soil. For covering walls, trellises and verandas, old trees or ruins, they have scarcely an equal.

388 Henryi—Creamy white, large and handsome. ously scented.**389 Duchess of Edinburgh**—The best of the double pure white, deici-**390 Fairy Queen**—Pale flesh, with a pink bar.**391 Gipsy Queen**—One of the very finest of the rich purple varieties, a

strong grower and free bloomer.

392 Jackmanni—The best-known and most popular variety. Color, dark,

rich, royal purple.

393 Madame Van Houtte—Pure white; extra fine.**394 Miss Bateman**—White, with chocolate-red anthers. 3-year-old

plants, 75c. each.

395 Clematis Paniculata—(Japanese Virgin's Bower)—The plant is of strong, rapid growth, with small dense cheerful green foliage, giving it a grace elegance possessed by no other climber. The flowers appear in the greatest profusion during August and continue until late in the fall, are of a white color and most deliciously fragrant. The plant succeeds in almost any position; not only is it well adapted to run up all kinds of supports, but is just as useful for planting among rock-work, sloping banks, covering graves, or, in fact, any position where a graceful vine is desired. Strong 2-year-old plants, 25c. each.**396 GREVILLEA ROBUSTA**—(Australian Silk Oak)—This is the most beau-

tiful plant, with delicate fern-like foliage, and forms a most attractive specimen for any decorative uses. It is of noble habit, and has large divided leaves; in a collection of house plants it is striking and graceful. It will resist drouth to a remarkable degree, and is therefore well adapted to dust and heat of living rooms. Each, 15c.

HYDRANGEA—Beautiful blooming plant, adapted to rather shady location. The large clusters of flowers resemble the Snowball, only being much larger.**397 Otaksa Monstrosa**—The trusses of flowers are of enormous size, even on quite small plants. Color intense deep rose. Plant a strong free grower and remarkable free in bloom. Also makes elegant specimen plants for the porch or lawn, being a mass of bloom the whole season. Plants, mailing size, each, 15c.**398 Thomas Hogg**—The flowers are produced in large heads of white, shading to pink. It is hardy through the South, or can be cultivated as a tub plant. Plants, mailing size, each, 15c.

Large specimen plants with from ten to twenty flower heads, \$2.00 to \$4.00.

HELIOTROPES—Heliotropes are great favorites, principally on account of their delicious fragrance; they grow freely under glass and may be planted in the open border during the Summer. (foliage.)**399 Albert Deleaux**—Large purple flowers, with golden, variegated**400 Chieftain**—Lilac, large truss.**401 Comtesse Mortemart**—Dark velvety blue, with white eye.**402 Mme. Bruant**—Very dark with immense truss.**403 Mme. de Blonay**—Large truss, nearly pure white.**404 Mme. de Bussey**—Fine large dark purple.**405 Lizzie Cook**—Of the deepest violet-purple, with large white eye, and

very fragrant.

406 Queen of the Violets—Finest dark variety in cultivation; large

white eye. Price 10c. each; \$1.00 per doz.

407 HARDY ENGLISH IVY—This is the variety used for covering walls,

etc.; invaluable on account of its remaining evergreen all the year, and on

this account has become very popular for covering graves. Large plants

10c. each; \$1.00 per doz.

408 JUSTICIA VELUTINA—A beautiful free-flowering

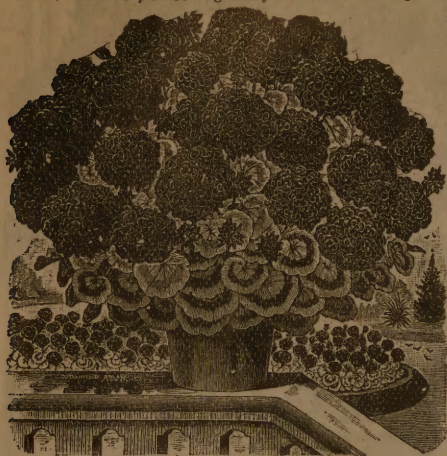
variety, with pretty pink

heads of flowers which are produced in the greatest profusion at all seasons

25c. each.

Read carefully 1st page of Novelty List. It will interest you.

- 409 **GERANIUM—Mme. Bruant**—Single. A variety distinct from every other in culture; plant vigorous and free flowering; fine trusses with fine flowers; white veined with carmine lake; the five petals regularly bordered in bright salferino.



- 410 **Mrs. E. G. Hill**—Single. Floret $2\frac{1}{2}$ by 2 inches. The centre of each petal is a soft light salmon, bordered with rosy salmon, and veined deep red.
- 411 **Rev. W. Atkinson**—Very dark crimson; immense trusses; vigorous grower; fine bedder. 10c each, \$1.00 per doz.
- 412 **Baron de Scallibert**—Dwarf and compact in habit, and so free in bloom that the large trusses cover the plant. Florets large, of a soft bright pink color, the centres marked white, petals veined red.
- 413 **S. A. Nutt**—Still the favorite dark crimson sort. For years this variety has had no

- compeer, and it is to-day practically unrivalled. An ideal bedding variety.
- 414 **Alphonse Ricard**—The finest large-flowered scarlet bedding variety. Bright vermillion scarlet; semi-double; trusses of enormous size, often $7\frac{1}{2}$ inches in diameter, carried on strong foot stalks, and so freely produced as to nearly conceal the foliage.
- 415 **Beaute de Poitevine**—Undoubtedly the best salmon geranium for bedding purposes, and the most profuse bloomer of all the geraniums. Trusses are of the largest size, borne on long foot stalks; florets very large and of a beautiful brilliant salmon.
- 416 **Mme. Jaulin**—Semi-double; delicate peach-pink, with wide border of white—a lovely color. Florets are very large, and are produced in enormous trusses; dwarf, compact, and vigorous habit.
- 417 **Double Gen. Grant**—This is still the favorite orange-scarlet variety, unsurpassed in its color, and still unexcelled as a bedder. Flowers are large and double. Strong, robust, and vigorous grower.
- 418 **Leonard Kelway**—Double. Glowing carmine; very bright and attractive, the petals showing a peculiar gloss; a grand addition to the dark reds.
- 419 **Mrs. A. Blanc**—Single. Flowers of enormous size, round and perfect. Apricot red, with shaded centre.
- 420 **Van Dale**—Single. Enormous trusses, composed of large flowers, centre soft rose shading out to white.
- 421 **La Favorite**—Double. A good double white, which rarely pinks; dwarf habit; good bedder. 10c. each, \$1.00 doz

DOUBLE IVY LEAVED.

- 422 **Souv. de Chas. Turner**—An elegant variety; one of the handsomest Ivy Geraniums ever introduced. Flowers $2\frac{1}{2}$ to 3 inches across, the heads of bloom 6 inches across. Color deep bright pink, the upper petals feathered maroon. [excellent habit.]
- 423 **Ryecroft Surprise**—Clear rosy salmon; large flowers of perfect form;
- 424 **Gen. Championnet**—Bright scarlet; darker than *P. Crozy*. Extra large and very double flowers. One of the best
- 425 **P. Crozy**—Very distinct; flowers scarlet, nearly 2 inches in diameter, and in clusters 6 inches across. [white at the edges.]
- 426 **La Rosiere**—A soft, beautiful pink at base of petals, shading to blush
- 427 **Jeanne d'Arc**—Pure white; elegant.
- 428 **Eden Marchii**—Soft, rosy pink, shaded salmon—a lovely shade. 10c. each, \$1.00 per doz.

SCENTED-LEAVED.

- 429 **Rose**—The favorite scented-leaved sort. 10c. each, \$1.00 per doz.

BRONZE VARIETIES.

- 430 **Marshall McMahon**—Best of the bronze sort.
- 431 **Snow Queen**—Silvery green, with broad white margin. 10c. each.

PALMS—Palms are now indispensable in all decorations, whether for apartments, conservatories or for tropical bedding in Summer. The large demand the past few years has induced us to considerably increase our facilities for propagating and growing this class of stock, and we have now thirty-five of our largest houses devoted to their cultivation alone, which enables us to supply all the leading and popular varieties at the most reasonable prices. The varieties offered are those best adapted for house culture.

- 432 **Areca Lutescens**—One of the most graceful and beautiful Palms in cultivation; the foliage is of a bright glossy-green, with rich golden-yellow stems. 3-in. pots, 15-in high, 30c.
- 433 **Cocos Weddelliana**—The most elegant and graceful of all the smaller Palms. Its slender, erect stem is freely furnished with its gracefully arching leaves, of a rich green color. Admirable for fern-dishes, as they are of slow growth and maintain their beauty for a long time. 3-in. pots, 12-in. high, 25c. each; 4-in. pots, 15-in. high, 50c.
- 434 **Kentias**—The Kentias, both *Belmoreana* and *Forsteriana*, are then hardest in cultivation and give better satisfaction as a house plant than any other varieties. They are of slow growth, and are not affected by the dust and dry atmosphere of the house, and were we to select one Palm only, it certainly would be a Kentia. The two varieties are of similar appearance, the former being dwarfer and more spreading, and the latter is of stronger growth with broader, heavier foliage. 3-in. pots, 15-in. high, 50c.; 4-in. pots, 20-in. high, \$1.00.
- 435 **Phoenix Canariensis**—One of the hardest of the Date Palms, with dark green feathery foliage, of strong growth, and is especially valuable for outdoor decoration, as it stands sun and wind without the least damage, even in most exposed situations. Nice Plants, 25c.
- 436 **PETUNIA—Double Fringed**—For many years we have made a speciality of Double Petunias, growing about five thousand seedlings annually from which we select the choicest for propagation. We have discarded the plain edged sorts, as the fringed and laced varieties are very much better. 10c. each, \$1.00 per doz.

- 437 **MATRIMONY VINE**—(*Lycium Chinensis*).—A vigorous and rapid grower; covered with bright purple star-shaped flowers, succeeded by brilliant scarlet berries almost an inch long, borne very abundantly along the length of the branchlets, bending them beneath their weight. Flowers and fruit continue forming throughout the summer until autumn. Fruit is very showy, and remains on the vine until late in the winter.

PRIMULA.

- 438 **Forbesi**—(*Baby Primrose*) A miniature Primula after the order of *Obconica* but blooms more freely. Small plants commencing to bloom when in 2-inch pot; 4 or 5-inch plants carrying from 20 to 25 flower spikes. The foliage is delicate and graceful, somewhat fern-like in appearance. As a cut-flower it finds ready sale and is profitable to grow as such. 10c. each; \$1.00 per dozen.



PRIMULA—FORBESI.

- each, the individual blooms resembling a Sweet Pea. Its easy culture growing in almost any light position, its freedom of bloom, and the grace and beauty of the flower and plant will undoubtedly make it popular. 10c. each, \$1.00 per dozen.

- 440 **SMILAX**—Invaluable on account of its beautiful foliage, which is indispensable in all cut flower work. One of the most beautiful of all vines. 10c. each, \$1.00 per doz.

- 441 **ROSES—The Bride**.—A lovely pure white rose of the *Mermet* type; it is very full double and free-flowering.

- 442 **Meteor**.—The finest crimson rose for winter-flowering. It requires no particular skill or care to grow it in the early spring, summer, and fall, as it luxuriates in the hottest summer weather. It is one of the very freest blooming roses of any color, and one of the most desirable colors—very dark velvety crimson. Buds are of fine shape, of good size, and of the highest quality. There is no crimson rose that compares with *Meteor*.

- 443 **Bridesmaid**.—This is now the most popular pink rose,

- 444 **Kaiserin Augusta Victoria**.—This is a particularly fine rose for forcing under glass, especially during the spring, summer and early fall. Flowers are borne on magnificent long, straight stems, pure white of the largest size, buds ideal in form, being long and pointed. This is also the largest and finest white rose for summer-blooming in the garden.

- 445 **Sunset**.—This beautiful rose is very desirable on account of its rich color, being deep orange, or apricot, sometimes tinted with pink. In shape of bud, foliage, etc., it is identical with *Perle des Jardines*, from which it originated.

- 446 **Souv. de Wootton**.—This is the best crimson flowering rose for general cultivation. Flowers are deliciously fragrant, and much like *Jacqueminot* in size and color. Throws good stems, but frequently in clusters.

- 447 **White Bougare**.—A free bloomer; clean, healthy grower; blooms of great substance, pure white; good stiff stems. Has proved to be one of the very best white roses ever introduced. Every lover of flowers should have this splendid rose. Certificate of Merit, Toronto Show. Each 10c.

- 448 **Perle des Jardins**.—Beautiful rich yellow, of large size and perfect form.

- 449 **Madame Houte**.—One of the finest; strong bush grower; flower of ivory white, of even tint, except in summer, when it changes to canary; fine globular-pointed shaped bud. Each, 12c.

SPECIAL OFFER.—One each of the above varieties for \$1.00.

HARDY CLIMBING ROSES.

- 450 **Baltimore Belle**.—Blush, flowers in clusters.
- 451 **Grevillea, or Seven Sisters**.—Flowers in clusters, opening a light rose color, changing to pure white.
- 452 **Prairie Queen**.—Deep rose, hardy and desirable.
- 453 **Russell's Cottage**.—Carmine, very full; a strong vigorous grower.
- 454 **Washington**.—Pure white, very free.
- 455 **Yellow Persian**.—The only hardy yellow climbing rose. 25c. each.
- 456 **Rosa Wichuraina**.—(*The Single White Memorial, or Japan Trailing Rose*)—A trailing species of very rapid growth, creeping on the ground almost as closely as the Ivy. It is especially beautiful when covered with its long, showy clusters of white blossoms, which are produced in the greatest profusion during the entire month of July, and more sparingly throughout the season. The flowers are single, pure white, fully two inches across, with yellow stamens, and have a delicate perfume. 10c. each.
- 457 **Yellow Rambler**.—(*Aglaia*)—This new Hybrid Noisette produces its flowers in the same manner as the popular Crimson Rambler—that is, in large pyramidal-shaped trusses; frequently being from fifty to one hundred flowers in a truss. In color it is a decided yellow, with moderate-sized cup-shaped nearly full flowers, which are sweetly scented. Its habit of growth is very strong, frequently making shoots of eight to ten feet in one season. 25c.
- 458 **VINCA—Major Variegata**.—One of the very best vase plants. Leaves glossy green, broadly margined, creamy white; blue flowers. 10c. each, \$1.00 per dozen.

Our Plants are all well grown, and are sure to give satisfaction.

..Choice and Rare Fruits..

THE Fruit Garden is an indispensable part of any rural home. It is a delight, a satisfaction, a convenience, a profit, and a source of the most healthful and delicious food supply any family can have. Beginning with the Strawberry in May, the supply is never exhausted until the late winter apples have gone. Cherries, Raspberries, Currants, Blackberries, Plums, Peaches, Pears, Grapes, etc., follow successively. They save expense, are luscious and convenient, and any place well stocked with fruit always finds a ready sale at a good price; they enhance its value often many times in excess of its cost.

The varieties here offered each and every one possesses great merit. The trees here offered are young and thrifty and will make a very rapid growth and bear quickly. When fruit trees or shrubs are received, before they can be planted they may be safely kept for any length of time by having the roots packed in boxes of moist soil and stored in a cool cellar or shed. It is important to order fruit trees early that they may be planted out before the foliage starts.

At prices named, we send strong, robust young stock by mail, post-paid, and by express or freight we can send the larger trees, such as Peaches, Apples, Plums, etc. Strawberries, Raspberries, Dewberries, Grapes, etc., are of course as well sent by mail as by express, as far as size is concerned. Our fruit stock is all vigorous and healthy and will be sure to please you by its rapid and vigorous growth and early bearing. We have no San Jose Scale.

Single Plants, half dozen and dozens, post-paid, on receipt of price; by the hundreds, per express at purchaser's expense. Half dozen furnished at dozen rates, 50 at 100 rates.

Strawberries

'THE LEAMINGTON'—An enormous bearer of large berries. We could not wish for a finer new Strawberry to head our list than the **'Leamington.'**

In a strawberry for market-growing, size, productiveness, and good shipping quality, are all-important, and these are precisely the qualities for which the **'Leamington'** is most remarkable. The strong, healthy plants produce fruit clusters

of great size, bearing handsome berries of a size proportionately great. The color is deep red, bright and glossy, and it is a color that goes under the skin, for the **'Leamington'** is pre-eminently a solid, red-fleshed variety, and consequently an assuredly successful shipper. The flavor is of the best, with very little acid. The plant is a vigorous and rampant grower with perfect blossom; it ripens its fruit along with the Wilson variety, and has an extended bearing season. Every fruit grower should plant this berry for profit. This berry shipped same day with a lot of the Wilson variety of good size and quality to the same market, returned 15c. per quart box, as against 10½c. for the Wilson. Owing to the limited quantity of plants which we have for sale this spring we place the price at 50c. per dozen; \$2 per 100.

CLYDE—Although of recent introduction it has won its way to a place near the head of this list of profitable varieties. We are receiving good reports of it from all parts of the country, and have yet to receive the first unfavorable one. In fact, many write as though they could not say enough in its favor. It has

proved to be one of the most valuable varieties we have ever grown. The berries are of large size, excellent color, good quality and exceptionally firm for an early sort. The plant is perfection itself in habit; vigorous, with large, clean, dark-green foliage, entirely free from rust or blight, and exceedingly prolific. We regard it as the most valuable early-ripening variety producing large fruit, especially for market. Doz. 35c.; 100, \$1.25, post-paid. By express, at purchaser's expense, \$1 per 100; \$6 per 1,000.

BRANDYWINE—A magnificent variety, and second to none among the standard sorts for the size and beauty of its fruit. It is in large demand; all who grow it are getting handsome prices for its berries. The fruit is very large, roundish-conical, regular and uniform, bright glossy crimson; firm and solid, excellent in quality, with fine aromatic flavor. Plant remarkably vigorous, hardy and productive, with foliage large, clean and healthy. For home use it is unsurpassed, furnishing a long and continuous supply of the finest berries imaginable; whilst for a market where fancy berries are in demand there is nothing more profitable. Midseason. Per doz. 25c.; 100, \$1; by express, at purchaser's expense, 100, 75c.; 1,000, \$6.

The following varieties, doz. 25c.; per 100, \$1, post-paid; by express, at purchaser's expense, 75c. per 100; per 1,000, \$4.

BEDAR WOOD—Very productive, early, medium size, rather soft for distant shipment; quite popular in some sections. Our stock is very fine.

BUBACH (P)—Strong, rampant grower, like the Crescent, only making plants and foliage of twice the size; healthy and free from rust, very productive of large, bright scarlet berries, rather soft, and of fair quality; ripens early and succeeds either on light or heavy soil; a valuable market variety.

WILLIAMS—Plant strong and healthy grower. One of the most productive of market berries. Berry large, broad, conical, deep crimson, good quality, very firm. A very profitable market variety.

WILSON'S ALBANY—Large, conical, dark red, firm, hardy; prolific rather acid; succeeds anywhere.

CRESCENT SEEDLING—Medium, conical, bright scarlet, very uniform in size. A beautiful berry, commencing to ripen with Wilson's Albany, continuing in fruit longer; plants are wonderful in growth, taking possession of ground to the exclusion of weeds and grass; appears alike on all soils.

Dewberries

tween raspberries and blackberries. Earlier and larger than any blackberry it continues the supply of berries and introduces the blackberry. Its culture is of the simplest; plant in rows 6 feet apart, setting the plants 3 feet distant in the rows, and keep the soil mellow and clean.

LUCRETIA—Best of all Dewberries and delightful variety for home garden. Berries are large and long, handsome, jet black, rich, melting and delicious. Plant entirely hardy everywhere, a healthy strong grower and exceedingly productive. We can recommend it as a well tried variety. Each, 15c.; doz. \$1, post-paid; by express, at purchaser's expense, per 100, \$4.



DEWBERRIES.



"THE LEAMINGTON."

Gooseberries

INDUSTRY—An European variety, now very popular and largely grown for market. It is a superb sort, and though the foreign origin shows little disposition to mildew, yielding annually immense crops of bright, clean berries in locations and under circumstances where other varieties of its class have failed entirely. The fruit is enormous in size, dark red, with numerous hairs, and of the finest quality, rich and luscious. Each, 25c.; doz. \$2.50; post-paid by express or freight at purchaser's expense, 1 00 \$10.

DOWNING—Universally known and always reliable. It is the old standard native sort that has for years been so largely planted for market. The bush is vigorous, hardy, productive, entirely free from mildew and succeeds everywhere. Berries medium to large, pale green and of excellent quality. Each, 15c.; doz. \$1.50; post-paid, by express or freight at purchaser's expense, 1 00 \$7.50.

HOUGHTON—An old, well-known sort, renowned for its productiveness, reliability, and sweet, good flavor. Berries small and pale red in color. The small size of its fruit has caused it to be in less demand than many other sorts, but it is an excellent variety and desirable for its productiveness and fine quality. Each, 15c.; doz. \$1.50; post-paid by express or freight at purchaser's expense, 1 00 \$7.50.

Currants

The following varieties, each, 10c.; doz. \$1, post-paid; by express at purchaser's expense, per 1 00 \$6.

BLACK CHAMPION—Decidedly a great improvement, being much better in every way than any of the older varieties of the European Black Currant. It is exceedingly large in both berry and cluster, rich and good in quality but milder and with less strong odor than others of its class. The bush is a strong, vigorous grower and a heavy, annual bearer; like other black currants it is entirely free from all insect pests.

BLACK NAPLES—Very hardy and reliable, always bearing a good crop; for these reasons it is especially valuable for Canada and other extreme northern points. Until a few years ago it was the leading black currant, berry of large size, jet black and good

BLACK CHAMPION.

INDUSTRY.

but has been superseded to some extent by newer sorts. Bunch and berry of large size, jet black and good quality; excellent for jams, etc.

CHERRY—Well known and popular market sorts; uniformly the largest of all red currants. Bunches large, berries very large, bright, sparkling crimson, beautiful, but acid. Very sturdy and thrifty growers, profitable for market for their large, bright berries.

FAY'S PROLIFIC—The leading standard red variety, widely planted, and is giving great satisfaction everywhere, being a regular bearer and reliable every way. The bush is a strong grower, wonderfully prolific and comes into bearing early; bunches and berries large, bright red, of good flavor and less acid than cherry, which it has almost superseded. Midseason.

LEE'S PROLIFIC—A fine black variety, earlier than Black Naples, with larger berries and longer bunches, of better quality and more productive. All the black currants are highly prized for making jams, jellies, etc., and are highly profitable for market growing in some sections where such fruits in demand. This is one of the best of them.

NORTH STAR—One of the finest of red currants, possessing many points of great merit, and thereby a profitable sort for market growing and no less desirable for the family garden. It is a splendid grower, very hardy and exceedingly productive. In both bunch and berry the fruit is large, of bright crimson color, very beautiful and extra fine in quality. The bunches are much larger than is usual and are clustered thickly along the stems. It possesses hardiness, vigorous growth, early fruiting and productiveness combined to an unusual degree, and should be in every garden.

MOORE'S RUBY—Originated near Rochester, by Jacob Moore. Bunches are long, bushes vigorous and very productive; less acid than the Cherry.

WHITE GRAPE—The largest and decidedly the best white variety. It is a currant that of all others should be in the family garden, not only for its handsome appearance but for its fine quality. Its bunches are long, berries large, and of a beautiful translucent white, and excellent flavor. A strong grower, and under good culture very productive. For table use, when mixed with the bright, sparkling red fruit of other varieties, it presents a most delightful and enticing appearance.

Blackberries.

RATHBUN—It is seldom that a fruit of high quality possesses also all the properties that go to make it valuable as a market berry. The berries of Rathbun are an intense jet black, very glossy and of permanent color never turning red—very large, are without core, having small seeds, extra fine in flavor, with a peculiar rich aroma and firm enough to stand shipment well. In habit this variety differs from other varieties. The plants sucker but little, make a strong upright main cane from which are produced numerous long, drooping branches, which reach to the ground and root readily after the manner of blackcap raspberry plants. It is not, however, a Dewberry, as might be inferred, but purely a Blackberry of tiprooting habit, its central canes being as strong and erect as those of any other variety of the Blackberry in cultivation. The canes for a compact bush four to five feet high and are less thorny than other varieties, yielding heavy crops of berries every year. In hardiness it has been fully tested and proved to be with few equals, having endured a temperature of fifteen degrees below zero without injury at its place of origin in Chautauqua County, New York. Its season of ripening is early, with the Wilson and Lovett. Uniting as it does hardiness and productiveness of cane, large size, fine appearance and high quality of fruit this variety promises to be of untold value as a berry both for the market grower and the amateur. The plants we offer were grown direct from the original stock and are strong root-cutting plants. Each 25c.; doz. \$2.50, post-paid; by express or freight at purchaser's expense per 100 \$15.00.

The following varieties 10c each; doz. 85c, post-paid; by express or freight per 100 \$3.50.

KITTATINNY—Well-known and once very popular, but its lack of hardiness at the North and tendency to rust, in some locations, have caused it to be somewhat less in demand. It is a choice variety, however, especially for the home garden, with large, handsome berries of delicious flavor; canes of strong, erect growth, and very productive under good culture. Its fruit is so fine in appearance and good in quality that it pays well for extra culture. Midseason to late.

ERIE—Introduced some years ago, and now the most popular of all the standard sorts. It has been very largely grown for market and its many good properties have made it very profitable. Berries large, roundish, very uniform, glossy black and of good quality. Canes robust, hardy and productive. It somewhat resembles the Lawton in habit of growth and shape of berry but ripens earlier and is very much hardier. A reliable sort and gives satisfaction everywhere.

SNYDER—A popular early sort for planting at the North and northwest; its extreme hardiness of cane rendering it valuable for cold climates. It is wonderfully productive, and though the berries are but medium in size they are of good quality, sweet and juicy, and, when fully ripe, are without hard core. It is largely planted and is the best early blackberry for extreme northern locations where other varieties winter-kill. Its earliness and productiveness making it exceedingly profitable and desirable.



RATHBUN BLACKBERRY.

EARLY HARVEST—Valuable for its earliness, attractive appearance firmness and productiveness. Berries not of the largest size but very uniform, of a bright, glossy black and excellent in quality. It is not entirely hardy, but succeeds in all but very cold sections, and a very slight protection suffices for it there. A profitable early variety everywhere.

ELDORADO—A welcome acquisition to the home grower, since it is especially valuable for fine quality which renders it one of the best for table use. It has other desirable merits, however, in cane and fruit. The former are strong, hardy and productive, whilst the berries are medium to large, glossy jet black, sweet, melting, rich and pleasant. It grows so well, produces so much and the fruit is so good that it is sure to give general satisfaction. We are receiving favorable reports of it from many states, attesting its hardiness and other valuable properties.

TAYLOR'S PROLIFIC—Like Snyder, of unusual hardiness of cane, and, ripening later, it makes an excellent companion for it in cold locations where hardiness is of more importance than large size of berry. The canes are of strong growth and very prolific; berries of good size larger than Snyder, and of exceedingly fine quality. Midseason to late.

WILSON'S EARLY—Once the leading early market variety and still popular in many localities, but it has been superseded by better sorts. Canes slender, rather tender, productive; berries large, long and of good quality.



KANSAS.

Two First Premiums at New York State and First Premiums at Western New York Fairs. *The Rural New Yorker* says: "The berry is of the same type as the Shaffer, that is, it propagates from the tips; does not sucker; and is similar in color. In shape it is longer than the Shaffer, more solid, and adheres much more firmly to the stems. In quality it is an improvement on the Shaffer, being sweeter when ripe, and of higher flavor. In general appearance both are much alike in foliage and cane." Each, 15c.; doz. \$1.50.; post-paid, by express or freight at purchaser's expense, \$6.00 per 100.

LOUDON.—A new hardy late red raspberry. Berry ripens about with Cuthbert: large in size than this well-known sort, and hangs well to the stem; fruit very firm, and remains so for a long time after picking. The bush is a very heavy producer. Shape of berry nearly round, some decidedly conical. The canes are almost thornless and foliage heavy. If you want the newest and best late red raspberry plant Loudon. Each 10c.; doz. \$1.00 post-paid; by express or freight at purchaser's expense per 100, \$4.00.

SHAFFER'S COLOSSAL.—Colossal, both in bush and berry. Carries to market well; excellent to dry and unsurpassed for canning. Berry dark crimson in color and excellent in quality; a very valuable variety. Does not sucker, but roots from tips like Black Caps. Each 10c.; doz. \$1.00 post-paid; by express or freight at purchaser's expense per 100, \$4.00.

The following 2 varieties each 10c.; doz. 75c post-paid; by express or freight at purchaser's expense per 100, \$3.00.

MARLBORO.—Large size, light crimson color; good quality and firm. Plant vigorous and productive. The first berries ripen quite early, but the entire crop covers a period of four or five weeks in ripening.

CUTHBERT.—Perfectly hardy. The canes are tall and vigorous, and enormously productive. Berries very large, conical; rich crimson, very handsome, and so firm that they can be shipped hundreds of miles by rail without injury. Flavor rich, luscious, best, commences to ripen moderately early, and holds out until all others are gone.

Grapes . . . BLACK VARIETIES.

CAMPBELL'S EARLY.—Its strong, hardy, vigorous growth; thick heavy perfectly healthy foliage; very early ripening and abundant bearing of large and handsome clusters of excellent quality, combined with the most remarkable keeping and shipping qualities, form a combination unequalled by no other grape. Its period of full maturity is from the middle to the last of August according to the season, ripening with Moore's Early, but, unlike that variety, it is kept sound and perfect, both on and off the vine, for weeks after Moore's Early was decayed and gone. In dessert quality it is unrivalled by any of our present list of first early market grapes. It is, both as to cluster and berry, of large size, of a glossy black color, with a beautiful blue bloom; pulp sweet and juicy; free from foxiness; seeds small, few in number and part readily from the pulp. Each, 75c; three for \$2.00, post-paid.

The following varieties each 20c; doz. \$2.00; by express at purchaser's expense, doz \$2.50.

MOORE'S EARLY.—Bunch large, berry large, round, with heavy blue bloom, vine exceedingly hardy. Its earliness makes it desirable for an early market; its hardiness particularly adapts it to Canada and Northern portions of the United States; succeeds admirably in the South.

WILDER.—(Roger's No. 4.) Bunch and berry very large; round, flesh tolerably tender, sprightly, sweet and agreeable.

WORDEN.—A splendid large grape of the Concord type but earlier, larger in bunch and berry, and of decidedly better quality; vine hardier than that old stand-by, and every way as healthy.

CONCORD.—The well-known standard variety, succeeds wherever grapes will grow.

RED OR AMBER VARIETIES.

BRILLIANT.—A remarkably handsome sort, about size of Concord. Skin thin, translucent, brilliant in color; excellent quality, healthy foliage, productive. Strong grower. Each 65c; 3 for \$1.75, post-paid.

Black Raspberries.

The following varieties, each, 10c; doz. \$1.00; post-paid, by express or freight at purchaser's expense; per 100, \$4.00.

KANSAS.—(Cap)—The best of the standard blackcaps and a vast improvement upon Gregg by reason of its greater hardiness, less bloom, and earlier season of ripening. It is a profitable market sort and its handsome appearance and fine flavor make it desirable for the home garden. Berries as large as Gregg, firm and of fine quality. Its canes are of strong growth, entirely hardy and prolific. Ripens about second early.

GREGG.—This is decidedly the largest Black Cap that we have ever seen, far surpassing in size the famous Mammoth Cluster, averaging, when grown side by side, with the same treatment, from one-third to one-half larger.

OHIO.—The greatest producer among Black Caps, and for canning or evaporating claimed to be the most profitable of all sorts. Berry not quite as large as Gregg, but finer quality and the plants more hardy and will bear more successive crops.

Red Raspberries.

COLUMBIAN

—The greatest raspberry in existence. Original plant bore over 28

quarts of fruit last season. Plant a giant in growth, very hardy; fruit large, dark red, rich, juicy and delicious flavor. Excels all other for canning. Fruit does not drop from bush. A splendid shipping variety. Has produced over 8,000 quarts to the acre.



The following varieties each 20c; doz. \$2.00, by express or freight at purchaser's expense, \$1.50.

LINDLEY.—(Roger's No. 9.) Berries medium to large, reddish in color; flesh tender, sweet and aromatic; ripens early.

MASSASOIT.—(Roger's No. 3.) A vigorous vine; berries medium in size, brownish red; flesh tender and sweet; ripens early.

AGAWAM.—(Roger's No. 15.) Berries very large, with thick skin; pulp soft, sweet and sprightly; very vigorous; ripens early.

VERGENNES.—Berries large, holding firmly to the stem; light amber; rich and delicious. Is an excellent late keeper.

WHITE VARIETIES.

MOORE'S DIAMOND.—The leading early white grape, ripening before Moore's Early. White with rich yellow tinge; juicy, few seeds, almost free from pulp, excellent quality; above medium size, adheres firmly to stem. Vine like Concord in growth, hardiness and foliage. Fine variety for both market and home garden. Each 30c; doz. \$3.00, by express or freight at purchaser's expense, doz. \$2.50.

NIAGARA.—Occupies the same position among the white varieties as Concord among the black; the leading profitable market sort. Bunch and berries large, greenish white, changing to pale yellow when fully ripe. Skin thin, but tough; quality much like Concord. Each 20c; doz \$2.00, post-paid by express or freight at purchaser's expense, doz, \$1.50.

Be sure and look over our fine list of Novelties on colored pages.

PLUMS

The following varieties, each, 40c.; doz. \$4.50; 100, \$35; by express or freight at purchaser's expense; 25 at 100 rate:

Abundance—Equalling in thrift and beauty any known fruit tree. Early, profuse bearer; fruit very large, somewhat oval; amber, turning to a rich cherry red, with a decided bloom; flesh light yellow, exceedingly juicy and tender, with a rich sweetness; has small stone and parts readily from flesh; ripens in advance of other plums.

Burbank—Excessively productive and entirely hardy; medium to large, roundish conical, dark purplish-red; flesh yellow, melting, juicy, rich, sugary; a good shipper. Small stone and free. A vigorous grower and comes into bearing early. Later than Abundance.

Spaulding—Tree a strong grower, with broad, rich, dark foliage; fruit large; yellowish green, with marblings of deeper green and a delicate white bloom; flesh pale yellow, very firm, sprightly, sugary and rich; fine for canning. Claimed to be curculio proof.

Genii—Fruit very large, deep bluish purple, covered with thick bloom; flesh yellowish green, coarse, sweet and pleasant, great bearer and very early; tree a hardy and rapid grower. This new variety is regarded as very valuable for market by growers. September.

Imperial Gage (Flushing Gage, Prince's Imperial Gage)—Fruit large, oval, skin pale green, fresh, juicy, sweet, rich and excellent. Tree very vigorous and productive. August.

Eombard (Bleeker's Scarlet)—Medium, round, oval; violet red; juicy, pleasant and good; adheres to the stone; productive. A valuable market variety. One of the most hardy and popular. August.

Washington—Very large; when ripe, clear yellow, marked with red; flesh firm, very juicy and excellent; very popular; productive. August.

Yellow Egg, or Yellow Magnum Bonum—Very large, egg-shaped; excellent for cooking; good, and productive. August.

Pond's Seedling—A magnificent English Plum; light red, changing to violet; flesh rather coarse; abundant bearer. One of the most attractive in cultivation. September.

Reine Claude de Bayay—Large, nearly round; pale yellow, marked with red; juicy, melting and excellent; good bearer. September.

Bradshaw—Fruit very large, dark violet red; flesh yellowish green, juicy and pleasant; productive. August.

Grand Duke—Very large; dark purplish-black; fine quality; a good shipper; vigorous and productive.

CHERRIES

The following varieties, each, 40c.; doz. \$4.50; 100, \$35; by express or freight at purchaser's expense; 25 at 100 rate.

Schmidt's Bigarreau—Originated in Belgium. The tree is remarkably vigorous, hardy and productive. Fruit grows in clusters and is of the largest size; skin deep black; flesh dark, tender, juicy, with a fine, rich flavor; stone small. A decided acquisition to our list of cherries: June to July.

Black Tartarian—Large, purplish black; juicy, rich, mild and sweet. Vigorous and productive. Early.

Gov. Wood—Large; yellow shaded with light red; juicy, very delicious. A vigorous grower. Early.

Napoleon—Very large; pale yellow and red; firm, sweet and profitable. A vigorous grower. Midseason.

Windsor—Large; dark liver color; firm, solid, rich and of good quality. Hardy and productive. Late.

Yellow Spanish—Very large; yellowish white, tinted rose; juicy, rich, sweet; very popular. Midseason.

Early Richmond (Early May, Kentish Pie Cherry)—Medium, red; juicy, acid; popular. Very productive.

Montmorency Ordinaire—Large; bright red; acid; larger and later than Early Richmond.

Dyehouse—A very early and sure bearer; ripens a week before Early Richmond. June.

Knight's Early Black—Large, black, tender, juicy, rich and excellent; productive, June.

APPLES

The following varieties, each, 35c.; doz. \$3.50, by express or freight at purchaser's expense; 25 at 100 rate.

Pewaukee—A seedling from Duchess of Oldenburg. Fruit medium to large, obovate, waved; surface bright yellow, partially covered with dull red, striped and splashed, covered with a grey bloom and overspread with whitish dots; flesh yellowish white, breaking juicy; flavor, sub-acid, rich, aromatic, spicy, something like Jonathan; quality good to best. January to June.

Wealthy—A new variety from Minnesota; healthy, hardy and very productive; fruit medium, oblate, skin smooth, whitish yellow, shaded with deep red in the sun, splashed and spotted in the shade; flesh white, fine, tender, juicy, lively, sub-acid; very good. December to February.

Yellow Transparent (Russian Transparent)—A very early Russian apple of good quality and decided merits; size medium; color when ripe pale yellow; sprightly; sub-acid; great bearer, July.

Mann—New; an upright grower, forming a round head; fruit medium to large, roundish, oblate; skin deep yellow when fully ripe, with sometimes a shade of brownish red where exposed; flesh yellowish, juicy, mild, pleasant, sub-acid; good to very good. Will keep as long as Roxbury Russet; May to June.

Northern Spy—Large, rounded, slightly conical, somewhat ribbed; striped; with the sunny side nearly covered with purplish red. Flesh white and tender, with a mild sub-acid, rich and delicious flavor. The tree should be kept open by pruning, so as to admit the air and light freely. January to June.

American Golden Russet (Bullock's Pippin, Sheep Nose)—Medium or small, roundish ovate; clear golden russet; very tender, juicy, rich; more resembles in texture a buttery pear than an apple; good bearer. Nov. to Jan.

Fameuse (Snow apple)—Medium size, roundish, very handsome; deep crimson; flesh snowy white, tender, juicy, high flavored and delicious. Tree vigorous productive and very hardy. November to February.

King (Tompkins County)—Large and handsome; striped red and yellow; productive. One of the best. November to May.

Astrachan Red—Large, roundish, nearly covered with deep crimson, overspread with a thick bloom; juicy, rich, acid, beautiful; a good bearer. August.

Rhode Island Greening—Large, greenish yellow; tender, juicy and rich, with rather an acid flavor; an abundant bearer. December to April.

CRAB APPLES

Each 35c.; doz. \$3.50; by express or freight at purchaser's expense; 25 at 100 rate.

Are quite profitable for market; coming into bearing quite early. Some of the varieties are not only good for culinary purposes, but are especially desirable for table use.

Hyslop—Almost as large as Early Strawberry Apple; deep crimson; very popular on account of its large size, beauty and hardness. October to January.

PEARS

The following varieties each 40c.; doz. \$4.50; 100, \$35.00, by express or freight at purchaser's expense; 25 at 100 rate.

Beurre d'Anjou—Large, greenish, sprinkled with russet, sometimes shaded with dull crimson; flesh whitish, buttery, melting, with a high, rich, vinous, excellent flavor; very productive; succeeds well on the quince; should be in every orchard. October to January.

Duchess d'Angouleme—Very large, dull greenish yellow, streaked and spotted with russet; flesh white, buttery and very juicy, with a rich and very excellent flavor; on young standard trees the fruit is variable, but on the quince, to which stock this variety seems well adapted, it is always fine; a general favorite, October and November.

Kieffer's Hybrid—Raised from seed of the Chinese Sand Pear, accidentally crossed with the Bartlett or some other kind grown near it. Tree has large, dark green, glossy leaves, and is of itself very ornamental; is an early and very prolific bearer. The fruit is of good quality, wonderfully showy and valuable for the table and market. It never rots at the core, and is as nearly blight-proof as is possible for any pear to be. October and November.

Clapp's Favorite—Very large; yellowish green to full yellow when ripe; marbled with dull red in the sun, and covered with small russet specks, vinous, melting and rich. August.

Sheldon—Medium size; yellow on greenish russet, with a richly shaded cheek; flesh a little coarse, melting, juicy, with a very brisk, vinous, highly perfumed flavor; productive. October.

Bartlett—Large size, with often a beautiful blush next the sun; buttery, very juicy and high flavored; bears early and abundantly; very popular. August and September.

Wilder—Originated in N. Y. Tree a vigorous grower, rather small. Yellow, with a red cheek, fine quality; ripens very early, not inclined to rot at the core.

Flemish Beauty—Large, beautiful, juicy, melting, rich and fine; good bearer; hardy everywhere. September and October.

PEACHES

The following varieties each 30c.; doz. \$3.00; 100, \$22.50, by express or freight at purchaser's expense; 25 at 100 rate.

Bokhara—Remarkable for its extreme hardness having endured a temperature of 28 degrees below zero without injury. It is of Asiatic origin but has been fruited for several years, especially in Iowa, where it ripens about the middle of August. The fruit is large, specimens having measured seven inches in circumference; yellow with red cheek, tough skin, flesh firm and of fine quality; a perfect freestone. It is a splendid keeper.

Greensboro—Ripens earlier than Alexander and double its size. It is a great bearer, the tree being annually loaded with fruit, which is large, yellowish-white, beautifully colored with crimson cheek; flesh white, very juicy and of fine quality; skin thin and rubs off easily. It differs also from most early peaches in being entirely free from rot. It is a great surprise to behold peaches of such size ripening before Alexander in such abundance and in quality among the best.

Alexander—From Illinois; very early; of good size, well grown specimens measuring eight inches in circumference, handsome and regular in form with deep maroon shade, covered with the richest tint of crimson, rich and good in quality with a vinous flavor; freestone. July.

Wonderful—Originated in New Jersey. Large to very large, uniform in shape and size; color rich golden yellow, overspread with carmine and crimson. Flesh yellow, high flavored and firm; bright red at the pit, which is small and parts freely from the flesh. Ripe in October, and keeps well.

Crawford's Early—This very beautiful and best of yellow peaches is highly esteemed for market purposes. Fruit very large, oblong; skin yellow, with fine red cheek; flesh yellow, juicy, sweet and excellent. Wonderfully productive and hardy. Last of August.

Crawford's Late—Fruit of the largest size; skin yellow or greenish yellow, with dull red cheek; flesh yellow; productive. One of the finest late sorts. Last of September.

Early Rivers—New; large, light straw color, with delicate pink cheek; flesh juicy and melting, with very rich flavor. One or two weeks earlier than Hale's. End of August.

Hale's Early—Fruit medium size, skin clear, smooth, white, delicately marbled with bright and dark red on the sunny side; flesh very melting, juicy, and high flavored. Last of July.

Elberta—Large, yellow, with red cheek; flesh yellow, firm, juicy, of high quality. Exceedingly prolific, sure bearer and hardy. One of the leading market varieties. Follows Early Crawford.

Early Canada—This early Peach is a native of Jordan, Ontario, Canada. A chance seedling brought out by the late A. H. High. Ripens one month before Crawford's Early Freestone.

Triumph—Earliest yellow flesh peach. Ripens with Alexander, blooms late, sure and abundant bearer; strong, vigorous grower. Fruit good size, yellow, with red and crimson cheek.

Yellow St. John—Nearly as large as Crawford, fully equal in color. Fruit round, brilliant, showy; one of the earliest yellow peaches. Aug.

Globe—Large, flesh firm, juicy, yellow, quality good, pleasant, rich, vinous and luscious. Oct.

We are extensive dealers in all kinds of Bee Supplies. See this Catalogue.

SUMMER FLOWERING BULBS

THE SUMMER FLOWERING BULBS for spring planting are inexpensive, very easily grown, require scarcely any care, and produce some of the most showy and beautiful of all the summer and autumn flowers. At the prices here given we send by mail, post-paid, except otherwise noted, and unless specially ordered otherwise. When Bulbs are sent by express, at purchaser's expense, we can usually send much larger stock and more safely packed. When Seeds and Bulbs are ordered together, the seeds and bulbs not injured by frost will be sent at once, and the tender bulbs as soon as possible without danger of injury from cold weather.



Choice Named Dahlias

- Beauty**—Snow-white, of perfect form; full to the centre. Each 25c.
Country Lord—Large, rich, sulphur yellow, tipped pink, edged darker. 25c.
Dandy—A pleasing and peculiar color; ground color pure pink, striped and pencilled black.
Prince Bismarck—Color deep, rich purple, very large and full; vigorous grower and a continuous bloomer.
Penelope—Pure white, delicately flaked lavender, of exquisite form and finish. Each 25c.
John Sladdan—Large flower, dark maroon, almost black. Each 25c.

THE FOLLOWING VARIETIES 15c. EACH. \$1.50 DOZ. POST-PAID.

- Nymphaea**—(The Pink Water Lily Dahlia)—Color a soft, delicate, light, shiny pink, waxy and graceful; has a refined water lily fragrance.
Honorio—Large, soft pale pink.
Pantheria—Rich reddish-salmon.
Marchioness of Bute—White, tipped pink.
Queen of Yellow—Beautiful yellow
Arabella—Sulphur, tipped pink and lavender.
Sport—Clear, soft lavender.
Yellow Bird—Clear yellow, fine form. [purple]
Sunbeam—Pinkish-white, tipped
Beauty of Arundel—Glowing crimson.
Golden Bedder—Yellow, edged
- Madge Wildfire**—Bright dazzling scarlet. [let]
Prof. Baldwin—Deep orange-scarlet
Lemon Giant—(New Weeping Dahlia)—Very large; 6 to 7 in. in diameter; clear lemon-yellow.
Lucy Fawcett—Pale straw, striped and pencilled rosy magenta.
Marguerite—Rosy-lilac; a free and constant bloomer. [lender]
Penelope—Pure white, flaked lavender.
Mrs. Hawkins—Rich soft sulphur, shading towards tips of petals.
Crimson Ball—Bright crimson purple; one of the best.
Princess Bonnie—Rich, creamy-white, lemon-yellow at base of petal.

CALADIUM ESCULENTUM (Elephant's Ears)—Grand tropical-looking plant. A favorite for specimens on the lawn, or for bordering large sub-tropical groups. In deep rich soil, if freely watered, they produce enormous leaves, frequently 4 ft. long by 3 ft. wide. Height, 4 to 5 ft. 1st size, each, 25c; doz. \$2.50; 2nd size, each 15c; doz. \$1.50.

Fancy-Leaved—Among ornamental foliage plants there are none more beautiful in design or gorgeous in coloring than the Fancy-Leaved Caladiums. Well-grown plants are simply wonderful in the colorings and markings of the leaves, embracing every degree and shade that can be formed of pure white, deep green and intense crimson. One variety may be regularly dotted with round raised spots of white on a ground of emerald green; another be ribbed with pink or scarlet and sprinkled with silver spangles, while a third may be splashed and marbled with white or shaded almost black. As the tubers become old enormous specimens may be produced. They are of special value for pot culture and for window and piazza boxes, while most of the varieties if planted about the first of June in partially shaded warm borders, in well-enriched light soil, succeed admirably as bedding plants. There is a general impression that the plants are difficult to grow, but this is not so if their simple requirements are understood. The chief secret of success is in keeping the tubers warm over winter. When the foliage dies down in the fall let the soil in the pots go dry, then set them away in a warm, dry, frost-proof closet without disturbing the tubers. In the spring turn them out and repot in fresh, sandy soil. Fine tubers or plants (according to season), 20c. each; 3 for only 50c.

MOONFLOWER—These are truly magnificent climbers, producing exquisitely beautiful flowers in the greatest abundance. Where rapid-growing summer vines are wanted nothing can excel them, as the rapidity with which they will cloth any object they are given to climb on is equalled by but few, if any, other plants. By planting the following collection of Ipomoeas together, they will show flowers every hour in the day and form most beautiful and striking contrasts with each other in foliage as well as flowers. The Blue Dawn Flower reflects the sky's own deepest blue, and is rendered doubly exquisite by contrast with the pure pearly-white, purple-throated bells of the Hardy Tuberos-rooted Ipomoea, and by the lovely pink-tinted chalices of the Blushing Beauty Moonflower. To secure the quickest and most satisfactory results, get the plants well established and to growing in the window before time to plant them out.

Blue Dawn—(Ipomoea Leayii)—A magnificent, quick-growing perennial climber, the flowers produced in bunches of a half dozen; the individual blooms are trumpet-shaped, about four inches across, of a rich velvet blue with five purple rays. Grows about twenty-five feet in one season, and is a most attractive climber. 15c. each.

Blushing Beauty (I. Michauxii)—A Florida tuberous-rooted Ipomoea of the greatest beauty, and a splendid companion for the White Moonflower. Its flowers are of exactly the same shape, but in color the most exquisite shade of blush, shading off into deeper purple in the throat. The flowers, which are borne in the greatest profusion, open just before sunset, and the effect is as if the sun had cast a most beautiful roseate hue over them. Tubers must be wintered in the cellar or pit in a box of soil. 15c. each.

New Hardy Tuberos-Rooted (I. Pandurata)—This magnificent species is perfectly hardy. Its growth is very neat and graceful; leaves heart-shaped, flowers very large, three and a-half to six inches across, pure satiny-white, with a pinkish-purple throat shading off deeper in the tube. Many flowers are produced on the same peduncle, greatly prolonging its season of bloom. The flowers which are bell-shaped, not flat like those of the Moonflower, together with the leaves, are produced in the greatest profusion from the root up, making a dense shade even down to the ground. The rapidity of its growth is simply phenomenal. A desirable climber for immediate effect, and its vigor and enormous crops of flowers will increase yearly. Plant out in a hole six or eight inches deep, covering the tuber with only about two inches of soil, until it has sprouted and grown eight or ten inches; then fill the hole full of soil and it will require no further attention except to be supplied with something to climb on. In order to place it within the means of every flower lover in the land we offer fine flowering tubers at the low price of 15c. each; 3 for 35c.; 6 for 60c. Extra large tubers 25c. each; 3 for 60c.; 6 for \$1.10.

SPECIAL OFFER

These three Ipomoeas amount to 45c. at catalogue prices. For only 40c. we will send one of each, postpaid, to any address.

LILY—Gay . . Queen.

An exceedingly beautiful foliage and flowering plant of striking tropical appearance. Leaves paddle-shaped, and the large orange and purple flowers abundantly produced in curious scapes. An elegant pot plant and very easily managed. Water liberally during summer, but give little in the winter. Roots Canna-like, and should be wintered dormant. It is the most magnificent species of the genus. Price 15c.; 3 for 35c.



MADERIA VINE—A rapid growing vine covering a large space in a short time. Fleshy, heart-shaped leaves of a light green, and late in summer numerous racemes of feathery flowers of powerful and delicious fragrance. A very beautiful and popular vine, which succeeds admirably. 5c. each. 3 for 10c; 12, 30c.

NEW PERENNIAL PHLOXES—These new varieties are in bloom from June until frost and are in huge panicles of close bloom, like a Hydrangea, while the individual florets are the twice the size of the old-time Phlox, and the shades of color the brightest, richest and clearest. There are no finer or more useful perennials than the Perennial Phloxes, or which will give more complete satisfaction. They are cheap and we hope that all our customers will plant them. Assorted colors, each 15c; doz., \$1.50.

CINNAMON VINE—A pretty, hardy vine, with edible roots, and neat, glossy, cordate foliage. In midsummer it bears clusters of tiny but exceedingly fragrant flowers with an odor like cinnamon. A very pretty vine to train over a small trellis or around a window. Each 5c; 3 for 10c; 12 for 25c.

GLADIOLUS—This magnificent family contains hundreds of varieties, comprising all imaginable colors, shades and variegations from the most gorgeous and dazzling to the softest and most delicate shades. They deserve to be grown in every garden. For cutting they are invaluable, the flowers lasting in water a week. There is nothing in the floral kingdom so easy of culture and so sure to succeed as the "Gladiolus." They can be planted at any time from April to June 15th, and never fail to flower the same season; they grow in any garden soil and commence blooming in July, and by successive plantings every two or three weeks can be had in flower until checked by frost. The bulbs can be furnished by us until May 15th. They are easily kept in a paper bag until planting time.

CHOICE NAMED.

- African**—Darkest crimson-black, with a pure white blotch in the throat. The darkest and one of the finest colors; large flower and spike. **Each 10c.**
- Amalthe**—Pure white, with violet-red blotch; ground of the corolla velvety-violet, the lower petals slightly tinted with lilac. **Each 10c.**
- Antonius**—Scarlet-cherry, slightest tinged with orange flamed carmine, pure white blotch. **Each 10c.**
- Aurora**—Bright salmon, rose striped, orange-carmine and lilac blotched; cherry-rose, streaked violet. **Each 12c.**
- Coquette**—Large and fine flower, of bright cherry-red, with a conspicuous pure white blotch; upper petals striped with delicate rose. **Each 10c.**
- Cameleon**—Compact truss of large slaty-lilac flowers, flamed orange, with white bands down the middle of each petal, large creamy-white blotch, streaked violet. **Each 10c.**
- Champs de Mars**—Salferino, distinct white blotch, bordered carmine. **Each 15c.**
- Carnation**—Fleshy white, profusely tinged at the edges with the richest carmine; lower petals blotched purplish carmine. **Each 10c.**
- Corinne**—Rosy carmine, shading to cherry, streaked pure white. **Each 12c.**
- Diamant**—Fleshy-white throat, ivory-white blotched and streaked carmine. **Each 10c.**
- Duchess of Edinburgh**—Purplish-rose with a carmine stripe on the lower divisions; attain a height of six feet. **Each 20c.**
- Fatme**—Ivory-white, profusely striped with bright rosy salmon, violet blotch. **Each 10c.**
- Flamboyant**—Large flowers of fiery-scarlet. **Each 12c.**
- Gen. Phil. Sheridan**—Fiery red; white line running through each petal. **Each 12c.**
- Grand Rouge**—Enormous spike, flowers perfect shape, color intense scarlet, violet blotch in throat. **Each 10c.**
- Hesperide**—Profusely blotched and flaked with rosy salmon on a pure white ground. **Each 10c.**
- Horace Vernet**—Large purplish-red with white blotch. **Each 12c.**
- Lamarck**—Cherry, slightly tinted with orange, blazed with red. **Each 10c.**
- La Favorite**—Rose flamed carmine, lower petals yellow. **Each 10c.**
- Martha Washington**—Light yellow, of large size, lower petals tinged rose. **Each 12c.**
- Mr. Bains**—A wonderful distinct color; a clear light red. **Each 10c.**
- Octoroon**—A beautiful salmon-pink; very distinct. **Each 10c.**
- Penelope**—Blush white, lower petals tinged yellow, streaked carmine. **Each 10c.**
- Pepita**—Bright golden-yellow flower, slightly striped carmine at the edges of the petals. **Each 10c.**
- Pactole**—Beautiful yellow, slightly tinged with rose, at the edges blotch of darker shades. **Each 12c.**
- Reine Blanche**—Pure white, dark carmine blotch. **Each 10c.**
- Robert Fortune**—Orange-lake, shading off to purplish-crimson, veined white. **Each 10c.**
- Sultana**—Bright satin rose, flamed with carmine, purple carmine blotch. **Each 12c.**
- Snow White**—Absolutely pure snow white; the only pure white Gladiolus in existence. **Each 20c.**
- Thalia**—White, flamed and streaked with carmine. **Each 10c.**

THE ENTIRE COLLECTION (42 VARIETIES) INCLUDING THE "LEADER" COLLECTION, CORRECTLY NAMED, SENT POST-PAID TO ANY ADDRESS IN CANADA FOR \$3.50

The LEADER SET OF GLADIOLUS FOR 50c.

We are in a position this season to make our customers the unprecedented offer of TWELVE CHOICE NAMED VARIETIES, distinct and true to name, for the small sum of 50c.

- Angele**—White, showy and effective. 10c.
- Addison**—Dark amaranth with white stripes. 10c.
- Brenchleyensis**—Vermilion scarlet, fine variety. 5c.
- Ceres**—Pure white, spotted with purplish rose. 5c.
- Eugene Scribe**—Perfect tender rose, blazed carmine-red. 10c.
- Isaac Buchanan**—Extra fine, golden yellow color. 5c.
- John Bull**—White, slightly tinged with sulphur. 5c.
- Laura**—Light orange red, tinged carmine, pure white blotch. 10c.
- Madam Monneret**—Delicate rose; one of the best. 5c.
- Napoleon III.**—Bright scarlet, white line on each petal. 5c.
- Roi Leopold**—Blush rose, slightly suffused with orange, and shaded with deep currant red; white blotch. 10c.
- Romulus**—Very brilliant dark red; pure white blotch. 10c.



New Giant Gladiolus

Gorgeous Colors and Marvellous Markings. Enormous Flowers the Size of Tea Plates.

This new race of extraordinary beautiful Gladiolus represents the grandest achievements in the perfection of this genus since its introduction. The flowers have reached enormous dimensions, often 7 to 9 inches across, far surpassing any others, and much resembling Orchids of the brightest hues and most curious designs. Every color known among Gladiolus is represented, and many never before seen, many having beautifully mottled and spotted throats, made up of white, crimson, pink, yellow, etc., of unsurpassed beauty.

- Brilliant**—Beautiful orange-red with carmine and white throat. **Each 15c.**
- Burlington**—Bright pink, beautifully tinged with orange scarlet, carmine and white mottled throat. **Each 15c.**
- Columbia**—Light orange scarlet, freely blotched and penciled with bluish purple; throat freely marked spotted and mottled. **Each 10c.**
- Dr. Sellow**—Deep, rich rosy-crimson, centre of petal rayed with white; throat pure white, mottled and spotted. **Each 12c.**
- Ethel**—Beautiful soft rosy-pink, with white and crimson throat. **Each 12c.**
- Henry Gilman**—Deep salmon-scarlet, with pure white bands through each petal; throat spotted and mottled. **Each 10c.**
- Mohonk**—Deep dark-pink with spotted throat, shaded orange and flaked maroon. **Each 12c.**
- Nezinscott**—Bright blood scarlet with deep velvety crimson, black blotches with white mottled in throat. **Each 5c.**
- Princeton**—Large flaming red, with violet and white in throat. **Each 12c.**
- Torch Light**—Light flaming scarlet; throat mottled and spotted white and violet. **Each 12c.**
- Wm. Falconer**—Light pink and blush, freely mottled and intermixed throat spotted with crimson and white. **Each 10c.**
- Yolande**—Pure white, softly tinted blush, with large, brilliant crimson throat. **Each 20c.**

We will send the entire set of 12 post-paid for \$1.25.

SEPARATE COLORS in GLADIOLUS FOR BEDDING AND FORCING.

These are very choice and absolutely true to color. We call special attention to our EXTRA WHITE and LIGHT. They are extra fine.

	EACH.	DOZ.	100.
White and Light varieties, mixed; superb.....	7c.	50c.	\$3.50
Scarlet and Red—Extra fine scarlet and red.....	5c.	40c.	2.50
Pink Fine pink and rose shades.....	5c.	40c.	2.50
Yellow and Orange—Best yellow colors.....	8c.	75c.	4.60
Striped and Variegated—Extra fine.....	5c.	50c.	3.50

OUR GRAND MIXED GLADIOLUS.

Our Mixed Gladiolus are very fine indeed, being choice varieties only. All old and common ones have been discarded. And customers can depend upon having a large and magnificent variety of colors. They cannot be too highly praised. Doz. 25c.; 100, \$2.00.

TUBEROSES—Excelsior Pearl

The one flower the rich man must have, and the poor cannot do without beauty. We have made our prices very low, that everyone may enjoy their peerless beauty. For open ground culture plant about the middle of May. Give them rich soil in full sun, keep free from weeds, and they will bloom fine y. Plant a good big lot of them for cutting, and if you will pot those which are in bud, about the time frost is expected, they will bloom elegantly in pots for a long time, often till Christmas. Large, select bulbs, 5c. each; 5 for 20c; 12 for 40c; 100 for \$3.00.

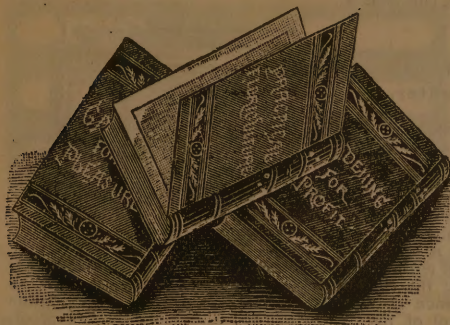
PAEONIES—Still the grand old favorite they were fifty years ago. Our stock consists of the newest French and Chinese varieties, with immense double blooms of the most intense yet delicate colors. The flowers are borne in the greatest profusion. For brilliant display of bloom during May and June there is nothing that will equal the Pæony. Pæonies are an investment that will increase in beauty and value for all time. Assorted colors, each 25c.; doz. \$2.50.

See our Novelties in New and Rare Varieties of Flowers on Colored Pages.



A Valuable
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BOOKS for Gardeners, Florists,
Farmers and Others.



Greenhouse Construction—Building, heating, ventilating, and arrangement. By Prof. L. R. Taft. \$1 50 post-paid.

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How the Farm Pays—By Wm. Crozier and Peter Henderson. An instructive work on all branches of farming. It should be in every farmer's library. Price, \$2.00, post-paid.

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Horticulturists' Rule Book—By L. H. Bailey. A great number of rules and recipes required by gardeners, fruit growers, truckers, florists and farmers. Price, cloth, 60c.

Irrigation of the Farm, Garden and Orchard—By Henry Steward. To those who, from painful experience, have felt the scarcity of water at critical periods. Post-paid, \$1.50.

Langstroth on the Hive and Honey-Bee—Revised and illustrated. Post-paid, \$2.50.

Land Draining—By Manly Miles. A handbook for farmers on the principles and practice of Farm Draining. \$1.25.

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Market Gardening and Farm Notes—Experience and observations in the garden and field. \$1.25, post-paid.

My Handkerchief Garden—By Charles Barnard. Very interesting and instructive. Price, 35c., post-paid.

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Melons—How to grow for market—Selection of soil, use and application of manures, varieties, planting of seed, insects, cultivation and how and when to gather for market. Price, 35c.

New Potato Culture—By E. S. Carman. This book gives results of over fifteen years' experimental work on the Rural New Yorker grounds. Price, 50c., post-paid.

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Practical Landscape Gardening—Containing designs for lots and grounds. By F. R. Elliott. Price, \$1.50.

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Spraying Crops—Why? When? and How?—This is a book that anyone with fruit should not fail to get. Price, 35c.

Sweet Potato Culture—Giving full instructions from starting the plants to harvesting and storing the crop. Post-paid, 60c.

Quinby's New Beekeeping—Mysteries of Beekeeping explained. Result of 50 years' experience. \$1.75, post-paid.

Stoddard's An Egg Farm—By H. H. Stoddard. The management of poultry in large numbers, being a series of articles written for the *American Agriculturist*. Illustrated. Cloth, 50c.

Sugar Beet Seed—A new book. Full practical and scientific details, including the secrets of the most famous European producers who have been in the business for 100 years. The only book on the subject; worth its weight in gold to anyone thinking of going into what promises to be a lucrative specialty. The author, Lewis S. Ware, has devoted 20 years to this book. Cloth post-paid. \$2.50.

Secrets of Rose Culture—By W. J. Hatton, gardener and florist. Describes all the newest and most improved designs for building rose houses, heating, ventilation; valuable information on rose culture; 162 pages, illustrated. Post-paid, 50c.

Silos, Ensilage and Silage—By Manly Miles. Price, 60c.

The Cidermaker's Handbook—By J. M. Trowbridge. Guide for making and keeping good cider. Post-paid, \$1.00.

The Ice Crop—By Theron L. Hiles. How to harvest, ship, and use ice. A complete, practical treatise for farmers, dairymen, meat packers, and all handling or using ice in any way. \$1.25.

The Nursery Book—A new work by L. H. Bailey. It is a careful compendium of the best modes of seedling grafting, budding, laying, hybridizing, etc. Contains 107 illustrations, showing methods, processes and appliances. Price, 60c. and \$1.00.

The Dahlia—By Lawrence K. Peacock. A practical treatise on its habits, cultivation and history. 50c., post-paid.

Tobacco Culture—Full, practical details, from the propagation of the seed to the harvesting, curing, and marketing of the crop, by fourteen experienced tobacco growers. Post-paid, 25c.

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Tomato Growing for Profit—From the sowing of the seed to the marketing of the crop, so as to leave when sold the largest amount of profit to the producer, the whole being the result of over 30 years' extensive practical experience. Post-paid 25c.

Tobacco Leaf—By J. B. Killebrew and Herbert Myrick. Its culture and cure, marketing and manufacture. A practical handbook on the most approved methods in growing, harvesting, curing, packing and selling tobacco, with an account of the operations in every department of tobacco manufacture. The contents of this book are based on actual experiments in field, curing barn, packing house, factory and laboratory. It is the only work of the kind in existence, and is destined to be the standard practical and scientific authority on the whole subject of tobacco for many years. Upwards of 500 pages and 150 original engravings. Price, \$2.50.

Turkeys and How to Grow Them—By Herbert Myrick. The various breeds, the best methods to insure success in the business of turkey growing. With essays from practical turkey growers in different parts of the United States and Canada. Copiously illustrated. Cloth, Price, \$1.00.

The Young Market Gardener—By T. Greiner. A guide to beginners in market gardening in the use of greenhouse, hotbeds and frames; together with instructions for open-air operations and the ways of sell and preparing vegetables for market. Illustrated. Paper, 12mo. Price, 50c.

The American Standard of Perfection—The recognized standard work on poultry in this country, adopted by the American poultry association. It contains a complete description of all the recognized varieties of fowls, including turkeys, ducks and geese; gives instructions to judges; glossary of technical terms and nomenclature. It contains 278 pages handsomely bound in cloth, embellished with title in gold on front cover. Price, \$1.00.

Wheat Culture—By Curtis. Price, 50c., post-paid.

Window Gardening—Practical articles and pleasing illustrations, all on window gardening. Price, 15 cents.

Your Plants—Plain and practical directions for the treatment of tender and hardy plants in the home or in the garden. Price, 50c.

ABC of Strawberry Culture—By Terry, \$0 75

Cauliflowers—Brill. 25

Cabbages—Gregory. 30

Carrots and Mangels—Gregory. 60

Celery Manual—Vaughan & Eddy. 60

Grape Culturist—Fuller. 1 50

Grasses—How to Know Them by the Leaves.. 1 00

Grain Tables..... 25

Insect Foes—Long. 25

Mushroom Culture for Amateurs—May. 60

Manures—Methods of Making—Bommer ... 40

Nitrate of Soda for Manure—Harris. 25

Onion Culture—Grenier. 60

Propagation of Plants—Fuller. 1 50

Silos and Silage—A. J. Cook. 25

The Garden, and How to Make it Pay—Grenier. 2 00

The Pig—Harris. 1 15

The five books marked with an * for \$1, post-paid. Should be in every house.

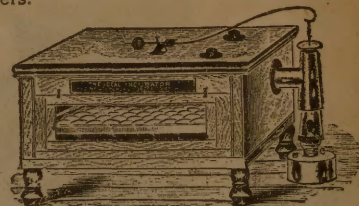
Poultry Supplies

We are the largest Poultry Supply House in Canada, being manufacturers, also buying direct from the producer in immense quantities, thus being enabled to sell at a lower price than other firms handling these goods. We have not space here to mention all the lines we keep in stock, and would ask you, if interested, to send for our 72 page Poultry Supply Catalogue, free to all intending purchasers.

The "Best" Incubators

GOLD MEDAL AWARDED. THE HIGHEST AWARD GIVEN.
Manufactured by A. J. Morgan Darch & Hunter,
Sole Canadian Agents.

Are not only the best in name, but are also the best in simplicity of running, the best in economy of fuel, the best for a large percentage in hatching, and also "The Best" are the cheapest, being placed so low in price that farmers, amateur poultry keepers, etc., can afford to purchase. "The Best" incubators are made throughout with the very best lumber, thoroughly kiln-dried, and are well put together. They are not got up for show only; but are as well made on the inside as without, and are built to hatch.



50-EGG INCUBATOR.

100-EGG SIZE.

The case is made with double walls throughout, so that the egg chamber is not subject to sudden changes of temperature. They are made with double and not single doors. Many machines for economy sake, are made with only a single glass door, which makes the front of egg chamber so much cooler than the back. **SOME OF THE EXCELLENT POINTS ABOUT "THE BEST":** 1. Absence of moisture pans. 2. Diffusive ventilation and no stagnant air. 3. Nursery for the little chicks. 4. Proper application and immediate control of the temperature. 5. Absolutely fire-proof. 6. Perfectly self-regulating. 7. Uniformity of temperature all over egg tray. 8. Small consumption of oil thereby saving you enough in a few years to pay for the machine. 9. The moderate price we ask for it. 10. It is made in Canada by a Canadian. **200-egg size, \$22.50; 100-egg size, \$16.00; 50-egg size, \$7.50. Brooders—100-chick size, \$6.50; 50-chick size, \$5.**

Pearce's Tonic Poultry Food—The best egg producer on the market; will keep your fowls in perfect health and vigor; more eggs, more chicks, more profits. It will save you feed, as by its help all the nutriment is taken from the feed by the birds, and nothing is wasted. It will cure Gapes, Worms, Cholera, Roup, etc., thereby lessening your chance of loss and increasing your average of profits. Do not delay (delays are dangerous), but send for it at once, and note the increase in the number of larger eggs, and you will be satisfied. **Box, 25c., post-paid.**

Pearce's Electric Louse Killer—"Quicker than lightning." "Not a louse left alive," and other similar expressions of delight and approval are heard wherever "Electric" is employed; the best insecticide, germicide, disinfectant and deodorizer known: easily used by means of the improved sprinkler top boxes used to contain it. **Harmless to animals, death to insects and germs. Box, 25c., post-paid.**

Mica Crystal Grit—The Monarch of the Poultry Yard—Rock combination of silica, aluminum, iron, magnesium. For Poultry, Pigeons and Birds. The only grit containing the elements essential to the good health, and egg-producing qualities of the feathery tribe. **100 lbs., 90c.**

Crushed Oyster Shells—"Peerless" Brand. When you buy 100 lbs. "Peerless" Brand Crushed Oyster Shells, you get 100 lbs. of shell, not 15 to 20 lbs. dust and dirt mixed in. **100 lbs. 75c.**

Pearce's Granulated Bone—Poultry-raisers should not neglect to use sufficient raw bone. It should be constantly kept in a special place in the pen or apartment of laying hens, as they will consume large quantities of it and it goes chiefly to egg production. Crushed is the best form in which to place it before adult fowls, and in this shape it keeps fresh longer than when ground into meal. **50 lbs., \$1.50; 100 lbs., \$2.50.**

Philadelphia Caponizing Sets—Poultrymen can double their profits by caponizing their chicks. The operation is very simple, the instructions so full and explicit that any man, woman or child, after a careful reading, will be able to perform the operation. It is highly successful from every point of view. The demand for capons far exceeds the supply, the price per pound being twice as much as for ordinary chicks. The object in caponizing is to largely increase the weight of the fowl, causing them in many cases to grow as large as turkeys and weighing from 10 to 15 lbs.; to make the meat a finer and sweeter flavor, and very juicy and tender. They are much quieter in disposition. A cock, in chasing around the yard, will run off flesh almost as fast as put on. In the more quiet capon the same amount of food goes to make flesh, bone and profit. **Complete with instructions, \$2.50; in velvet lined case, \$2.75. "Complete Guide for Caponizing" with every set.**

Green Bone Cutters—Many improvements have been added this year. They now feed automatically, both hands are free to operate, and they cannot clog or run hard. To insure best results get the balance wheel. It is worth far more than the difference in price. These machines are very popular. They require so little strength that an eight-year-old boy or a woman can run them. The iron stand is a great convenience, as it requires neither time nor expense to set it up. The feed motion to a bone cutter is a very important feature. By its peculiar construction, our automatic feed governs the product, and enables the operator to cut fast or slow, fine or coarse. It also regulates the power required, so that while a child can operate it, yet a man's strength is not wasted, but gives an increased product proportioned to the extra outlay. Every ounce of energy is utilized directly in cutting the bone, so that the greater the power exerted, the more abundant the product will be. When cutting soft bones it feeds rapidly, while on hard bones it feeds slower.

EXCELSIOR or IMPROVED No. 1 MANN is the bone cutter for the millions. With only a dozen hens, the increase in eggs will repay for one in three months. Capacity 20 to 25 lbs. per hour; weight, with balance wheel, 60 lbs. **Price, with balance wheel, \$7; with crank, \$5; stand, \$2.50 extra.**

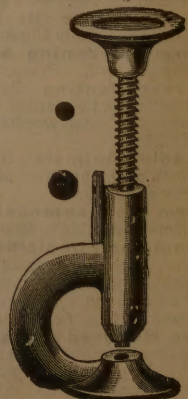
No. 2, or LITTLE GIANT—The machine is the same in design as our No. 1 or Excelsior. It has a larger cylinder with four cutting knives instead of three. It has a larger and heavier balance wheel, which makes it cut faster and easier. It is intended for 150 to 200 fowls. Capacity, 40 to 50 lbs. per hour; weight, with balance wheel, 100 lbs. **Price, \$10; stand, \$2.50, extra.**

WE RECOMMEND the balance wheel by all means. Its momentum assists in cutting, and makes it run easier and better. The crank is all right, and far superior to any other machine on the market for its price, but the balance wheel is the best, and well worth the difference in price.

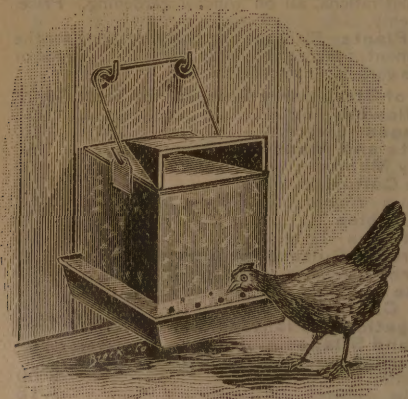
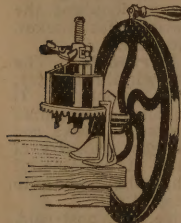
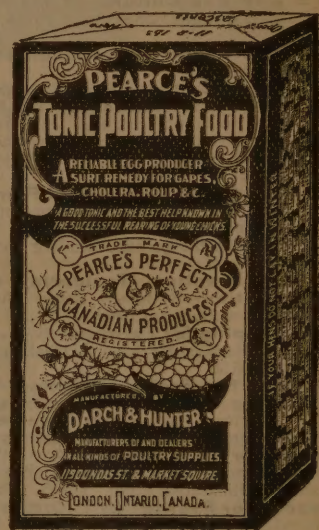
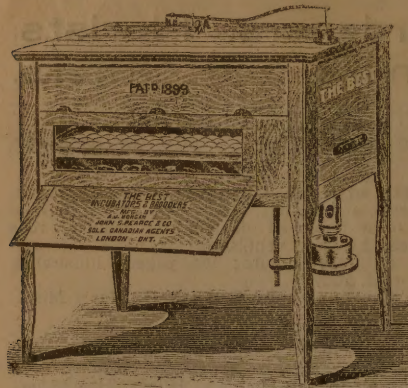
Philadelphia Poultry Marker—Do you keep a record of chicks? The different breeds, hatches, etc., should be kept. There is no better or quicker way than by this marker as over 200 different marks can be made by punching webb between toes, and by your private marks you can secure yourself from the chicken thief. They are well made with strong spring and cutter, nicely nickel-plated. Made in two sizes. Sent post-paid on receipt of price, **25c. each.** Mention large or small.

"Eclipse" Drinking Fountain—This is the regulation fountain in use at the Dominion and Ontario Agricultural Colleges for the past three years. It is made of heavy galvanized iron, which will never rust. Can be filled without taking off the nails. Prof. L. G. Jarvis, of the Ontario Experimental Farm, says: "I consider it the best poultry drinking fountain ever invented." **Price, each, 60c; dozen \$6; by freight or express at purchaser's expense; three at one dozen rate.**

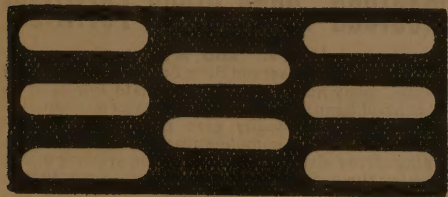
Tested Standard Incubator Thermometer—Mounted on metal graduated base, and distinctly marked high and low. **Price, 75c.. post-paid.**



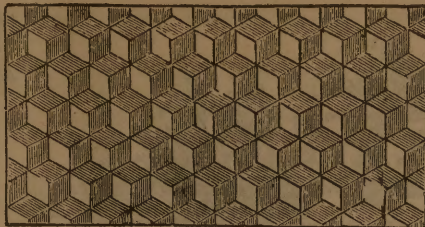
If you do not see what you want here, send for our 72-page Poultry Supply Catalogue.



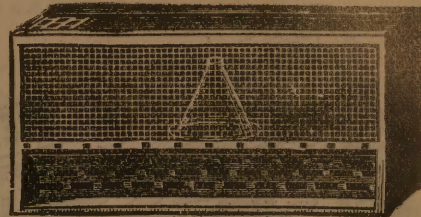
Bee-Keepers' Supplies



PERFORATED METAL.



COMB FOUNDATION.



QUEEN OR DRONE TRAP.

LANGSTROTH HIVES—The Langstroth Frame, 17½ x 9½, is the standard throughout Canada. There is none superior, either for comb or extracted honey. Bees sell more readily in a Langstroth hive, and besides, it would be better if a uniform hive wire used.

No. 1, Dovetailed—1½ story, for comb honey. Complete. Nailed and painted, each, \$1.50. In the flat each, \$1.25; per five, \$5.50.

No. 2, Dovetailed—2 story for extracting honey. Nailed and painted, each, \$1.50. In the flat, each, \$1.50; per five, \$7.

If larger quantities are wanted, please ask us for special prices.

BROOD FRAMES—Self-spacing Hoffman, with thick top bars. Doz. 30c; 100, \$2.25. Staple-spaced, thick top bar with staples. Doz. 25c; 100, \$2.

SECTION HONEY BOXES—Our sales of sections the past season have been very large, owing, in a large measure, to the excellence of our goods. We handle nothing but first-class. In ordering, please mention what style wanted. 4¼ x 4¼ x 1½, slotted on top and bottom, or all four sides, also Four Pieced 100, 50c; 250, \$1; 500, \$2; 1000, \$3.75. Special prices for larger quantity.



SIMPLICITY FEEDING.

The Miller—It is designed to place inside the super, or in the upper story on top of the brood frames. Each, 30c.

QUEEN OR DRONE TRAPS—The Alley—It is placed over the entrance of the hive, the queen being captured, and thus preventing a swarm from absconding. Each, 45c; post-paid, 50c.

The "PORTER" BEE ESCAPE

The bees pass out between two delicate springs, which partially closing behind them, prevent their return. Invented in 1893, consequently, it is not an untried thing, but something that has given the best satisfaction. Each, 20c; doz. \$2; with board, each, 35c.



THE "PORTER" BEE ESCAPE.

COMB FOUNDATION—We give special attention to the manufacture of Comb Foundation in all its branches. It will be found, for workmanship and material, without an equal in Canada. Brood Foundation, lb. 50c; post-paid, 70c. Section Foundation, lb. 60c; post-paid, 80c.

SECTION BOX CRATES—For properly marketing comb honey. Glassed on one side only. It will pay anyone who markets comb honey to use these crates. They are in the flat, not made up.

6—2 sections front, doz. 50c.
12—3 sections front, doz. \$1.
18—3 sections front, doz. \$1.20.

ITALIAN QUEENS—There is hardly an apiary in the country which would not benefit by the introduction of new blood. We can supply the very best Italian Queens in the country. They are reared by the very best methods. We are prepared to ship queens in the spring, from the time they can be reared in Canada. For earlier orders a slight advance in price will be charged.



ITALIAN QUEEN.

	MAY.	JUNE.	JULY.	AUG.	SEPT.
Untested Queens.....	\$1.00	\$0.75	\$0.75	\$0.75	\$0.75
Tested Queens.....	1.50	1.50	1.25	1.00	1.00
Select Tested.....	2.50	2.25	2.00	2.00	2.00
One-frame Nucleus.....	1.25	1.00	0.75	0.75	
Two-frame Nucleus.....	2.00	2.00	1.50	1.25	
Three-frame Nucleus.....	3.00	2.75	2.25	2.25	
Full colonies of Bees, with Queens	6.00	5.50	5.00	4.00	

NOTICE.—The prices of nuclei do not include Queen. Select your Queen and add her price to that of the bees.

PERFORATED METAL—This is used between the upper and lower stories to prevent the queens from going up above. It is also used in entrance guards, drone traps, etc. Per square ft, 12c; 10 ft. \$1.00.

QUEEN EXCLUDERS—All metal with the exception of wooden rim to hold metal tight and to form a bee space on the one side, size 14 x 20, or to fit Langstroth hive. Each 30c; ¼ dozen 7c; dozen \$2.75.

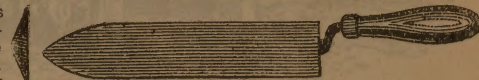
RUBBER GLOVES—Those who are timid will find rubber gloves a great help. Ladies' half-long, sizes 6, 7, 8 and 9, per pair, \$1.65. Gentlemen's half-long, sizes 10, 11 and 12, per pair, \$1.85.

In ordering by number, remember that if you wear No. 5 in kid you need No. 7 in rubber.

BEE VEILS—Silk Brussels net. 50c.; cotton Brussels, 25c.; common net with silk Brussels face (best veil.) 30c.

HONEY KNIVES.

Our honey knives are beautifully finished. They are ground thin, and sharp on both edges. Used for a multitude of purposes about the apiary.



HONEY KNIFE—"THE BEAUTY."

"The Beauty."—Ebony handle, fine mirror finish, each \$1.00.

"Very Good."—Not so well finished; wood handle, each, 80c.



CLARK'S COLD BLAST SMOKER.

CLARK'S COLD BLAST—The Clark Cold Blast Smoker has probably exceeded the sales of all the others put together. It is easily lighted with a match, and when once well going it will not go out. Each, 80c., post-paid, \$1.00.

CORNEIL or CRANE—Just the thing for those who want a first-class reliable smoker at a moderate price. The top is hinged so that it can be thrown back without burning the fingers. Without doubt the strongest blast of any smoker in the market. A valuable feature in forcing bees out of supers. No. 1, each \$1; post-paid, \$1.25. No. 2, each, \$1.25; post-paid, \$1.50.

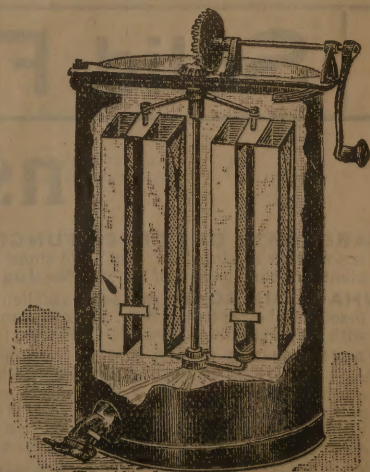
SECTION HOLDERS, Slotted—Slotted section holders are used with slotted sections. 25, 65c; 100, \$2.

SEPARATORS, Slotted—Slotted Separators are used with slotted section holders. 25, 20c; 100, 50c; 250, \$1.

WIRE, Tinned—No. 30, the most suitable of any for wiring frames. An occasional customer prefers it a little finer, and once in a while it is wanted coarser. All things considered, this size is best. ½ lb. spool, each, 15c, post-paid, 18c; 1 lb. spool, each, 25c, post-paid, 30c.

HIVE CLAMPS—The best means of holding the bottom boards to the hive is by means of the Vanduson Hive Clamp. Pair, 5c; doz. pair, 50c; 25 pair, 85c.

EXTRACTORS—Our extractors are made of very best material and are strong and simple in construction. No. 1 will take any frame that will suit size of can. Two frames, each, \$5.50. The "Novice" will take any frame. Two frames, \$7.50; four frames, \$8.50. Cowan's Reversible Langstroth frame. Two frames, \$12; four frames, \$15.



EXTRACTOR

FERTILIZERS

FOR THE

FARM, GARDEN, LAWN
and POT PLANTS

Trade Mark,

"HOMESTEAD."

acting, and suited to the requirements of the grower who wants a large yield of the best quality, and mature early in the season. This is a complete fertilizer, supplying the necessary elements in the proportions which, by experience, have been found best adapted for producing a maximum yield. All vegetables require rich soil in which to grow to perfection, and no better way can the soil be made richer than by the use of "Homestead" Vegetable Grower in liberal quantities. May be used on all soils, and is especially recommended for light soils deficient in potash. Put up in 100 lb. bags. Per 100 lbs. \$3; 500 lbs. \$13 50; ton \$50.

DESICCATED BONE WITH POTASH is a pure animal bone, without adulteration, from which all the grease has been extracted by a patent process of our own, leaving the resultant bone in a finely divided state. Numerous tests have shown that the results from using Desiccated Bone are more satisfactory than those with raw bone, because the former is more quickly decomposed in the soil and the phosphoric acid is more readily rendered available as food for growing plants. Put up in 100 and 200 lb. bags. Per 100 lbs. \$2.50; 500 lb. \$10; ton, \$35.

NITRATE OF SODA—Used by leading market gardeners to hasten growth of cabbage, cauliflower, tomatoes, etc. Its effects are astonishing. Wherever tried has been more extensively used. Try it for yourself. Lb. 10c; 25 lbs. \$1.50; 100 lbs. \$3.50.

MURIATE OF POTASH This is by far the most important source of potash. Contains from 80 to 85 per cent. of pure muriate of potash. Lb. 10c.; 25 lbs. \$1.50; 100 lbs. \$3.50.

FERTILIZERS FOR HOUSE PLANTS.

BRADLEY'S CONCENTRATED FLOWER FOOD (The Lily Brand)—For house plants and for florists' use. This fertilizer is prepared expressly to promote the growth and beauty of plants. It contains in concentrated and available form the plant food elements required to produce healthy growth and perfect development. It changes the color of the leaves to a dark green, increases the number, beauty and fragrance of the flowers, and, in short, if properly applied, will change weak and stunted plants to thrifty and vigorous ones. It is in a powdered form, entirely inodorous, and hence especially adapted for use on parlor plants as well as for enriching the soil when bedding out in the spring. In boxes, two sizes—No. 1, sufficient for 25 plants one year, post-paid, 35c; No. 2 sufficient for 25 plants three months, post-paid, 15c.

BOWKER'S AMMONIATED FOOD FOR FLOWERS—Made expressly for plants grown in house or garden. Produces healthy growth and early and generous flowering. Largely soluble in water. Free from odor. Clean to handle. Will keep any length of time. It changes the color of the leaves to a dark green, increases the number, beauty and fragrance of the flowers, and will change weak and stunted plants to thrifty and vigorous ones. After one trial, no florist, whether professional or amateur, will be without it. Our little book, "Window Gardening," sent with each and every box. Large box, 30c; small box, 15c, post-paid.

Solid Facts.

We give more attention to the details of our business than any seedsman we know of. What does this mean to our customers? Promptness and accuracy in filling orders.

Insect Destroyers.

CARBONATE OF COPPER FUNGICIDE—For destroying apple scab, grape mildew, etc. Put up in stone jugs, all ready for mixing, sufficient for seven gallons of water. Per Jug (by express) 35c; 3 for \$1.

WHALE OIL SOAP Makes an excellent wash for trees and plants; kills insects and eggs on the bark. Mix $\frac{1}{2}$ lb. to a gallon of water, and spray on with a syringe or force pump. Lb. 25c.; post-paid 30c.

HAMMOND'S SLUG SHOT Death to the c. tworm, potato bug, rose bugs and all lice, worms and caterpillars which destroy the young plants of melons, squash, cucumber, cabbage, egg plants, and all fruiting plants, as currants, gooseberry, and the grape. It is also considered an excellent fertilizer. It contains nothing injurious. Lb. 10c.; post-paid 15c.; 3 lb. 40c. post-paid; 5 lbs. 60c. post-paid.

PYRETHRUM ROSEUM, or Persian Insect Powder For destroying roaches, ants, fleas, and all other noxious insects. $\frac{1}{4}$ lb. 20c., post-paid; 1 lb. 65c. post-paid.

HELLEBORE—For destroying rose bugs, currant worms, etc.; very effective. Lb. 30c.; post-paid 35c.

PARIS GREEN Guaranteed strictly pure. Lb. 25c.; post-paid 30c.

SULPHO-TOBACCO SOAP—There is no insect that will not succumb to its power. Another feature of the soap is, that it acts as a powerful fertilizer. The Soap is absolutely safe to handle, and will not injure the softest growth of plants. Dissolve two ounces of soap in a gallon of water, and apply with a syringe, atomizer or whisk broom, or the plants may be washed with a sponge. Per tin, 25c.; and 30c. post-paid.

LONDON PURPLE The best article for spraying apple trees. The proper proportions for using are at the rate of one pound to 150 gallons of water. Lb. 30c., by mail 35c.

COPPER SULPHATE Lb. 10c.; by mail 15c.; 10 lbs. or over, at 9c.

We are Manufacturers of Poultry Foods and Appliances.

USEFUL FORMULÆ FOR SPRAYING

PLANT.	FIRST APPLICATION	SECOND APPLICATION.	THIRD APPLICATION.	FOURTH APPLICATION.
Apple	When buds are swelling, Bordeaux mixture and Paris Green.	Just before blossoms open. Bordeaux and Paris Green.	When blossoms have fallen, Bordeaux and Paris Green.	8-12 days later, Bordeaux and Paris Green. Repeat 14 days later if necessary.
Cherry	As buds are breaking, Bordeaux: when aphids appears, Kerose emulsion.	When fruit has set Bordeaux and Paris Green.	10-15 days, Bordeaux and Paris Green.	
Currant	At first sign of worms or mildew, Bordeaux and Paris Green.	10-15 days later, Bordeaux and Paris Green.	If worms persist, Hellebore or Paris Green.	10-14 days repeat if necessary.
Gooseberry				
Grape	When leaves are one inch in diameter, Bordeaux mixture and Paris Green.	When flowers have fallen, Bordeaux and Paris Green.	Bordeaux mixture at intervals of 10-15 days.	
Peach, Nectarine ..	Before the flower buds open Bordeaux mixture.	As soon as petals have fallen, Bordeaux mixture and Paris Green.	When fruit is grown, Bordeaux and Paris Green.	10-15 days later, Bordeaux.
Pear	Same treatment as Apple.			
Plum	Same treatment as Pear.		10-14 days later, Bordeaux.	10-20 days later, Bordeaux.
Potato	When beetles first appear, Paris Green, 1 lb to 100 gallons of water.	When vines are $\frac{1}{2}$ grown, Bordeaux and Paris Green, at intervals of 10-15 days if necessary.		

BORDEAUX MIXTURE

Copper sulphate.....	4 pounds
Lime (fresh).....	4 "
Water.....	40 gallons

Bordeaux Mixture is made by dissolving six pounds of copper sulphate in say five gallons of hot water. Take four pounds of fresh caustic lime, adding water enough to make a thin white-wash; fasten a piece of coarse sacking over the barrel containing the solution of blue-stone, and strain the thin white-wash into it. When this is done add enough water to bring the whole up to forty gallons. The cost of this will not exceed one and a half cents per gallon. It is necessary to add the lime in order to prevent the copper sulphate from injuring the foliage. In order to kill the apple worms before they have time to eat their way into the apples it is necessary to add Paris Green to poison the worms. The proportion that is advised is at the rate of one pound of Paris Green to two hundred gallons of water. This would require six and two-fifths ounces of Paris green to be added to the forty gallons of Bordeaux mixture. Six ounces, however, will be found to be sufficient. By thus combining the poisonous Paris green with the copper sulphate, we are able to kill two birds with one stone; to prevent the fungus from making the apple scabby and the young worms of the codling moth from spoiling the fruit.

AMMONIACAL COPPER CARBONATE

Copper carbonate.....	1 ounce
Ammonia.....	enough to dissolve the copper
Water.....	10 gallons

The copper carbonate is best dissolved in large bottles, where it will keep indefinitely, and it should be diluted with water as required. For same purpose as Bordeaux.

HELLEBORE

Fresh white Hellebore.....	1 ounce
Water.....	3 gallons

Apply when thoroughly mixed. For insects which chew.

KEROSENE EMULSION

Hard soap.....	$\frac{1}{2}$ pound
Boiling water (soft).....	1 gallon
Kerosene.....	2 gallons

Dissolve the soap in the water, add the kerosene, and churn with a pump for 5-10 minutes. Dilute ten times before applying. For insects which suck, cabbage worms, and all insects which have soft bodies.

PYRETHRUM

Pyrethrum powder (fresh).....	1 ounce
Water.....	4 gallons

Apply when thoroughly mixed.

PARIS GREEN

Paris green.....	1 pound
Water.....	250 gallons

If this mixture is to be used upon peach trees, 1 pound quicklime should be added. Repeated applications will injure most foliage, unless lime is added. *Paris green and Bordeaux can be applied together with perfect safety.* The action of neither is weakened, and the Paris green loses all caustic properties. For insects which chew.

Useful Tables for the Farmer and Gardener.

	PER ACRE.
Asparagus.....	1 oz. to 60 ft. drill
Beans, Dwarf, in hills.....	2 lb. to 200 ft. drill
Beans, Plot, in hills.....	1 lb. to 75 hills
Beet, Garden or Sugar.....	1 oz. to 50 ft. drill
Barley, broadcast.....	2 to 2½ bus.
Barley, in drills.....	1½ to 2 "
Buckwheat, broadcast.....	$\frac{1}{2}$ to 1 "
Buckwheat, for sowing.....	1½ to 2 "
Cabbage, for transplanting.....	1 oz. to 2,000 plants
Cauliflower, for transplanting.....	1 oz. to 2,000 "
Carrot.....	1 oz. to 100 ft. drill
Celery, for transplanting.....	1 oz. to 4,000 plants
Clover Seed, red.....	12 to 15 lbs.
Clover Seed, white.....	6 to 8 lbs.
Clover Seed, Alsike.....	8 to 10 lbs.
Corn, Sweet.....	1 qt. to 100 hills
Corn, Flint.....	1 qt. to 80 hills
Corn, fodder in drills.....	2 to 2½ bus.
Chicory.....	2 to 3 lbs.
Cress, Garden.....	1 oz. to 100 ft. drill
Cucumber, in hills.....	1 oz. to 100 hills
Egg Plant, for transplanting.....	1 oz. to 1,500 plants
Endive.....	1 oz. to 100 ft. drill
Flax.....	1 to 1½ bush.
Hungarian and Millet.....	$\frac{1}{2}$ to $\frac{3}{4}$ bus.
Leek.....	1 oz. to 150 ft. drill
Lettuce.....	1 oz. to 150 ft. drill
Lucerne, broadcast.....	15 to 20 lbs.
Mangel Wurzel, in drills.....	4 to 6 lbs.
Melon, Musk, in hills.....	2 to 3 lbs.

	PER ACRE
Melon, Water, in hills.....	1 oz. to 25 hills
Oats, according to variety.....	1½ to 2 lbs.
Onions, in drills.....	1½ to 2 bush.
Onion Sets for planting.....	4 to 5 lbs.
Orchard, Red Top, and Blue Grass.....	8 to 12 bus.
Parsley.....	2 to 3 bus.
Parsnip.....	4 to 5 lbs.
Peas, in drills.....	1½ to 2 bus.
Peas, broadcast.....	2 to 3 bus.
Potatoes, in hills or drills, cut tubers.....	8 to 10 bus.
Potatoes, cut to single eyes.....	4 to 6 bus.
Pumpkin.....	1 to 1½ qts.
Radish.....	8 to 10 lbs.
Rape, in drills.....	1 to 2 lbs.
Rape, broadcast.....	6 to 8 lbs.
Rye, broadcast.....	1½ to 2 bus.
Salsify.....	8 lbs.
Spinach.....	10 to 12 lbs.
Squash, bush in hills.....	5 to 6 lbs.
Squash, vine in hills.....	3 to 4 lbs.
Tares, or Vetches.....	2 to 3 bus.
Timothy, sown alone.....	10 to 12 lbs.
Tomato, for transplanting.....	$\frac{1}{2}$ lb.
Turnip, garden.....	1 to 1½ lbs.
Turnip, field.....	1 to 1½ lbs.
Turnip, Swede.....	1½ to 2 lbs.
Wheat, broadcast.....	1½ to 2 bus.
Wheat, in drills.....	1½ to 1½ bus.
Clover.....	4 lbs.
Timothy } When sown together.....	8 lbs.

WEIGHTS WHICH CUSTOM HAS ESTABLISHED.

The New Standard is per cental or 100 lbs.

Barley.....per bush., 48 lbs.	Hungarian.....per bush., 48 lbs.
Beans....." 60 "	Millet....." 48 "
Buckwheat....." 48 "	Potatoes, heaping....." 60 "
Blue Grass....." 14 "	Oats....." 34 "
Clover Seed....." 60 "	Orchard Grass....." 56 "
Canary....." 50 "	Onions, new....." 60 "
Corn, shelled....." 56 "	Peas....." 56 "
Corn, in ear....." 70 "	Rye....." 56 "
Coarse Salt....." 50 "	Red Top Grass....." 14 "
Dried Apples....." 22 "	Timothy Seed....." 48 "
Flax Seed....." 56 "	Turnips....." 60 "
Hemp Seed....." 44 "	Wheat....." 60 "

DISTANCE FOR PLANTING.

Apples..... each way, 30 to 40 feet.
Pears....." 20 to 30 "
Plums....." 16 to 20 "
Peaches....." 16 to 20 "
Cherries....." 16 to 25 "
Grapes....." 8 to 12 "
Currants.....4 x 5 "
Gooseberries.....4 x 5 "
Raspberries, black.....3 x 6 "
red.....3 x 5 "
Blackberries.....4 x 7 "
on strong soil 6 x 8 "
Strawberries.....1 x 3 "

NO. OF PLANTS TO AN ACRE

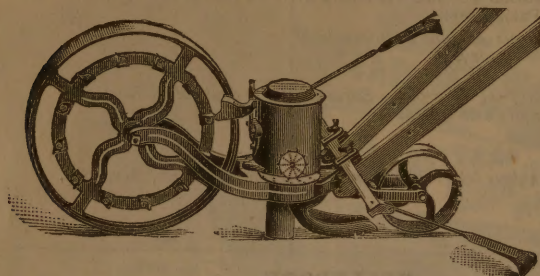
DIST. APART.	NO. PLANTS.
1 ft. x 1 ft.....	43,560
1½ ft. x 1½ ft.....	19,360
2 ft. x 2 ft.....	10,890
2 ft. x 3 ft.....	7,260
3 ft. x 3 ft.....	4,840
3 ft. x 4 ft.....	3,630
3 ft. x 5 ft.....	2,904
4 ft. x 6 ft.....	1,815
6 ft. x 6 ft.....	1,210
6 ft. x 8 ft.....	907
8 ft. x 12 ft.....	453
20 ft. x 20 ft.....	104
20 ft. x 30 ft.....	72

Farm and Garden Requisites.

THE "UNIVERSAL" MACHINES

Which we are offering we consider as identical to the Planet Jr., and equal to them in every respect and at a much less cost. If they are not found as we represent them they can be returned and the money will be refunded. Full and complete instructions for setting up and working with each machine

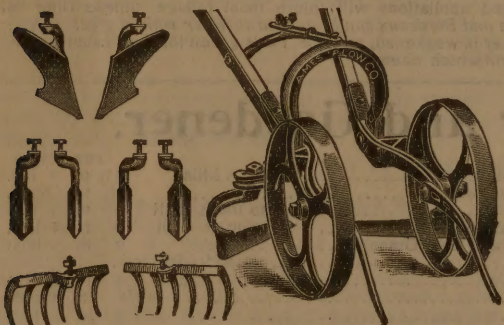
Matthews New Universal Model Garden Drill.



No better seeder can be produced. The Perfect Drill: so acknowledged by all the leading market gardeners. The Agitator is a sure means of keeping the seed moving through constantly and

uniformly, and is much preferable to any other method; and besides, there is nothing liable to get out of order or bind in the operation. When desired, the movement of the Agitator may be checked, and the drill then propelled forward or backward. The most skilful hand could not equal the mechanical precision, with which it sows all the different varieties of Beet, Carrot, Onion, Turnip, Parsnip, Sage, Spinach, Sorghum, Peas, Beans, Broom Corn, Fodder Corn, etc. Not only this, but the manner in which it opens the furrow: drops the seed accurately: covers it at any desired and equal depth; and lightly rolls the earth down over it, tends to hasten germination, and to present a young crop better able to withstand the weather. The furrow opener is of the correct shape, and does not salve the soil. It may be accurately set to gauge the uniform deposit of the seed, at any required depth, thus avoiding the risk of planting at irregular depths, or so deep in places as to destroy the seed. The covering of small seeds should be shallow, while larger seeds should be planted deeper. The depth may be gauged as desired. The drills will throw just enough of the loose soil over the seed, and the concave Roller then following, compacts and presses the whole down evenly, thus also preventing too free circulation of air, hastening germination and helping to bring moisture to the surface. The Manual "cut-off" worked from the handles, acts instantaneously to stop the flow of seed, and there is absolutely no seed wasted turning at ends of rows; thus saving quite a percentage of seed. Price, boxed, \$8.00.

The "New Universal" Hand Double Wheel Hoe, Cultivator and Plow.



Specially designed for working both sides of the row at one passing. This new hand implement embraces all the good points of older efforts in the same line, and in addition offers new features which cannot fail of appreciation. The special recommendation is the Adjustable Arch by which not only the depth of work can be

gauged, but which by an ingenious device enables the teeth to be pitched at any angle desired. It can be used either astride of or between rows. Can work both sides of row at one passing. The hoe blades can be set to turn in or out as desired by the operator. The Cultivator Teeth—Four are furnished with each. Two cultivator teeth can be used at desired width to mark out rows. The Plows—For furrowing they can be set close together and turned outward. For covering, set to width desired and turn inward. The depth can be regulated by adjusting wheel arms in the three holes provided on each side of arch. The Leaf Guards are to prevent wheels from injuring large, spreading foliage. Price, boxed, \$6.50.

New Universal Double Wheel Hoe—With Hoe Blades

Price, \$4.25. Many are sold in this style for the use of the Hoe Blades.

Electric Insect Exterminator.

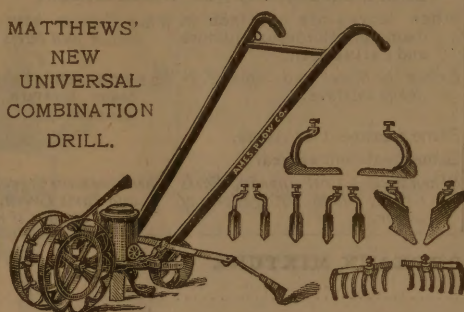
Put the powder into the machine through the opening in the side. Work the handles, when the powder is discharged by the force of the air, and by means of the funnel outlet is distributed evenly over the plant. A perforated tube on inside of machine regulates the quantity and prevents any surplus of powder being discharged. By far the most economical as well as the most effectual device for applying Paris green, and with so little labor. Death on potato bugs. Paris green applied with the ELECTRIC will knock them stiff, all sizes and all ages, every time, and only one pound required for an acre of potato vines. This machine works to the best advantage by putting in about half a pound of powder at a time. Experience has proven that Paris green applied in its pure, unadulterated state does not injure the vines, and is far more effectual than when mixed with plaster or any other substance and with the ELECTRIC it is done so easily. Every farmer who once tries the ELECTRIC in killing potato bugs will never do without it. The ELECTRIC is used to the best possible advantage in applying insect powders of all kinds. \$1.25, post-paid.

Thomas Ball says: "Paris Greened two acres of potatoes after 9 o'clock at night."

Matthews' New Universal Combination Drill.

Double Wheel; with Hoe, Cultivator, Plow and Rake Attachments.

MATTHEWS' NEW UNIVERSAL COMBINATION DRILL.



This illustration shows the Combination Implement as a Double Wheel Seeder—also the attachments. It is not only a desirable combination of the Garden Drill already described, with the New Universal Cultivating Attachments, but it has the advantage of being either a Double Wheel or Single Wheel implement at will, the change from one to other being readily

made. The change to a Cultivator or Wheel Hoe is also simple and easy, and as a Cultivator it can be used either astride or between rows. It is a conceded fact that by far the nicer work can be done by a one wheel Seed Drill. First, because the Single Wheel forms a sight for the operator in running a straight row, on the line marked out by previous passage of the Drill. Second, because with a Single Wheel unevenness of the soil is readily passed over, without bringing extra strain on the operator to keep the Drill steady; while with Two Wheels, a little unevenness under one of the wheels will cant the Drill so as to throw the Furrow opener to one side, and thus leave a crook in the row, which will only be noticeable in after cultivation. Crooked rows tend to increase the labor of cultivation, which is arduous, and must be gone over several times in a season. Plant straight to start with and save extra labor. The Two Wheels are desirable, however, when used as a Cultivator or Wheel Hoe, as in this way the rows of young plants may be straddled, and the cultivating done on both sides of the row at one passing. An especial feature of this implement is that when used in straddle row cultivation there is no projection below the frame to interfere with plants. The seeding and covering attachments can be readily detached when the implement is to be used as a Cultivator, by removing one thumb bolt, and the parts can be readily replaced. Thus as a Cultivator it has no unnecessary encumbrance either above or below the frame. There are three adjustments for regulating depth when used as a Cultivator, and five when used as a Seeder. The combination is one which cannot fail of recommending itself to all. The attachments are: 1 pair Hoes, 5 Cultivator Teeth, 1 pair Rakes, and 1 pair Plows. Remember, this is the only Combination implement made that can be used as either a Seeder or as a Cultivator, with One or Two Wheels, as desired. It is a perfect combination. Each, \$10.00.

New Universal Model Gem Seed Drill.

THE GEM DRILL has been perfected to meet the demand for a low-priced seeder. We have not only accomplished this, but here offer a drill with all the essential qualities of the Matthews principle, even to embodying Seed Drill, Indicator and Regulator from exactly same patterns as those used in our larger and more expensive drills.

ADJUSTMENTS.—All that are necessary to a successful improved Seed Drill, are provided including the MANUAL SEED "CUT-OFF" for checking flow of seed at ends of rows. We do not recommend this drill for use instead of the larger size, but we are sure that all in want of such a drill as we represent this to be, will find it to their advantage to buy the Gem. Price, boxed, \$6.25.

"New Universal" Hand Single Wheel Hoe, Cultivator and Plow

As with the Double Wheel Hoe described above, it can be used either between or astride the rows, although it is really intended for between-row cultivation. The attachments are 1 pair Hoes, 5 Cultivator Teeth, 1 Pair Plows, and 1 Vine or Leaf Guard. Price, boxed, \$5.



NEW UNIVERSAL HAND SINGLE WHEEL HOE

SIMPLE PRACTICAL EFFECTUAL

PATENT APPLIED FOR.

Farm and Garden Requisites—CONTINUED.

THE SPRAMOTOR.

The Best and Cheapest Spray Pump in the World.

Awarded 1st place at the Government Spraying Contest, Grimsby, April 2nd and 3rd, '96, in competition with 10 other outfits. 3 SILVER MEDALS, 2 BRONZE MEDALS, 9 DIPLOMAS. The highest awards given wherever exhibited. Is not the above a record to be proud of?

This illustration shows accurately our new one-nozzle painting, spraying, white-washing and disinfecting apparatus. It is built on the interchangeable plan and to fill the demand for a high-grade, up-to-date durable appliance that could be sold at a moderate price. It is the result of exhaustive trial and experiment, and two years' constant labor on the part of the inventor, and is now offered for sale as the best one-nozzle apparatus yet designed. It is built as carefully as a watch.

The mechanical agitator, strainer, base casting, plunger tube, air-chamber casting and hose couplings are of brass. The valves are patented, bronze metal ball, with seat and cage combined, and being detachable, can be renewed at the lowest cost. The plunger is of bronze metal, and is the latest and best, being automatically compensating, and is warranted to be tight under any pressure. A pressure of 500 lbs. can be

developed, and a pressure of 100 lbs. can be maintained with one nozzle open, with 35 strokes to the minute. It is the nearest approach to a frictionless plunger yet invented. The price at which it is sold is no criterion of its grade or value, and it is only when you see the internal mechanism that you will fully realize its excellence. Like its predecessors, the SPRAMOTORS, it is fully guaranteed, and will displace all others of its capacity as soon as users become acquainted with its merits. It will be found the best appliance for painting your barns, fences and rough surfaces; white-washing, disinfecting your poultry house or cellars, and spraying all kinds of fruit trees. Price, complete, with 2½ feet 3-ply hose and Spramotor, painting and spraying nozzle. **\$6.00.** Five gallon heavy galvanized can, extra, **\$1.50.**

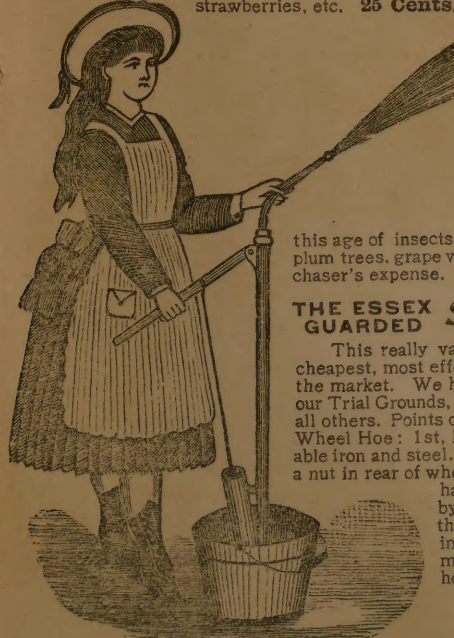
SPRAMOTOR JR. OUTFIT E—Being SPRAMOTOR JR., with can, 2½ feet hose, stop-cock and lance, just right for spraying small fruit, white-washing, painting or disinfecting work. Extra hose, 10c. per foot. Price, **\$8.50.**

SPRAMOTOR No. 1—Plenty large enough for spraying 300 trees or less. It is built on the interchangeable plan. The suction tube and agitator are supplied in iron unless otherwise ordered. Price, complete, **\$9;** with brass agitator, **\$11.** Accessories extra.

SPRAMOTOR No. 2—It is especially designed to spray fruit trees, and is guaranteed to withstand the action of, and successfully use Bordeaux mixture, whitewash and all spraying mixtures of whatever kind or consistency that can be acted upon with hydraulic machinery. It has been subject to the severest trials, and is a development and not an experiment. It is made and sold with the agitator and suction tube of iron, unless otherwise ordered. This size is large enough for eight Spramotor nozzles. It can be arranged for two lines of hose as ordered. Price for brass Spramotor, with iron agitator, **\$12;** with brass agitator, **\$14.** Accessories extra.

HAZELTINE'S HAND WEEDER.

This is not only a good weeder and scraper, but with its point becomes a good implement for thinning out, where plants are too thick, and for lightening the soil. The blade is solid steel, oil tempered, ¾ inch wide, ¾ inch thick, and is sharp on all its edges. Capital for weeding, thinning and stirring soil among onions, carrots, strawberries, etc. **25 Cents, post-paid.**



The Dandy HAND FORCE AND SUCTION PUMP

This pump is made of the very best material. It supplies a long-felt want, viz.: a pump that is serviceable, and one that can be sold at a price that will bring it within the reach of all. It is always ready for use, and not liable to get out of order. It throws a stream 30 feet or more. In this age of insects it is invaluable for spraying apple, pear, peach or plum trees, grape vines, etc., or windows. **\$1.25, by express at purchaser's expense.** (See cut.)

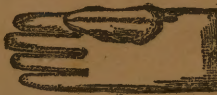
THE ESSEX GUARDED SCUFFLE WHEEL HOE

This really valuable little implement is, without exception, the cheapest, most effective, and most durable of any wheel hoe now in the market. We have a great variety of garden implements in use at our Trial Grounds, and our foreman says he prefers "The Essex" to all others. Points of excellence claimed for the Essex Guarded Scuffle Wheel Hoe: 1st, Durability, being made of the best gray and malleable iron and steel. 2nd, Ease and Rapidity of Work. 3rd, by loosening a nut in rear of wheel the knife can be placed at any angle for work in hard or soft ground. 4th, by bearing slightly on the handles when drawing toward you it is a most effective scuffle hoe. **Price, \$3.00.**

ORDER EARLY.

Each, **\$1.00, by freight or express at purchaser's expense.**

One year's business is crowded into the spring months. Give us a chance by ordering early.



Gloves and Mitts—Gardening gloves, gents', per pair, 50c.; gardening gloves, ladies', per pair, 50c.; harvesting and threshing mitts, with finger, 15 in., 40c.; 17 in., very fine, 75c.

Common Sense Weed Slayer

We have used this useful little implement for the past six seasons with the most satisfactory results. A man can do more work in one day with the Common Sense Weed Slayer than can be done in two or three days with the ordinary hoe. A boy 12 years of age can work it. The knife (which is made of the best steel) is twelve inches wide, so anything planted two feet apart can be cleaned of all weeds by going up one side close to the plants, and down the other. (See cut.) **Price \$2.**



COMMON
SENSE
WEED
SLAYER.

Every Farmer
Should Use the

Victor Cow Clip

This little device prevents being lashed in the face by the cow while milking, and thus avoids the provocation to curse and abuse the cow. New, good and cheap. It promotes kindness of disposition, and increases flow of milk and pays for itself quick. Even the cow want it. **Price 25c, post-paid 30c; 5 for \$1, post-paid \$1.25.**

The "Fire Fly" Wheel Garden Plow

makes the care of a vegetable garden a pleasure, and those who could not find time to keep a garden if attempting cultivation with the ordinary hand hoe can raise their own vegetables successfully with the "Fire Fly." It takes the place of the horse and plow, or cultivator, requiring no wide headlands to turn; is invaluable during all gardening season. (See cut.) **Price \$2.50.**



"FIRE FLY" WHEEL GARDEN PLOW.

ATOMIZER & SPRINKLER



Sells on its own merits. Spray appears like fog. Best clothes sprinkler in the world. Sprinkles so even, just the thing for gardening. You want one. Excellent for flowers and house plants. Moistens them as if by a fog. Fills instantly. Uses impossible to describe here. **Price 35c; post-paid, 40c.**

THE ESSEX GUARDED SCUFFLE WHEEL HOE.



FOR
SPEED,
EASE
AND
DURABILITY
IT HAS
NO EQUAL.



KING OF THE FIELD

DARCH & HUNTER
SUCCESSORS TO JOHN S. DEARCE

SUCCESSORS TO JOHN S. PEARCE & CO.

SEEDS

119 DUNDAS ST. LONDON, CANADA.



THIS COLLECTION FOR \$1.00, POST-PAID. (SEE PAGE 41.)